



83730-XXXX

SDS Report**No. SHACPCH1302890001****Date: Oct 28,2019****Page 1 of 1**

NINGBO HOME-DOLLAR IMP.&EXP.CORP
69 Guang Yuan Road,Jiangbei District,Ningbo,China

SGS Ref. No. : SHCPCH130300926-1
 Sample Name : Water color
 End Uses : Drawing
 Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
 Job Receiving Date : Oct 20,2019
 Last Information Date : Oct 20,2019
 SDS Preparation Period : Oct 20-25,2019

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Lindy Liu
Lab Manager

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Item Numbers: 83730-1019, 83730-1020, 83730-1030
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Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

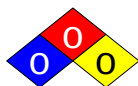
Reviewed on 10/23/2019

1 Identification

- **Product identifier**
- **Trade name:** *Water color*
- **Application of the substance / the preparation:** *Drawing*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 NINGBO HOME-DOLLAR IMP.&EXP.CORP
 69 Guang Yuan Road, Jiangbei District, Ningbo, China
 Tel: 0086-574-88195255
 Fax: 0086-574-88195611
- **Further information obtainable from:** *NINGBO HOME-DOLLAR IMP.&EXP.CORP*
- **Emergency telephone number:**
 Moon
 Tel: 15867408755
- **Email:** *dept055@home-dollar.com*
- **Reference Number:** *SHCPCH130300926-1; SHACPC1302890001*

2 Hazards identification

- **Hazard description:**
Harmful
Limited evidence of a carcinogenic effect.
- **Information pertaining to particular dangers for man and environment:**
The product is not classified as dangerous according to OSHA Hazard Communication standard (29CFR 1910.1200)
- **Classification system:**
The classification is according to the latest edition of the OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



Health = 0
 Fire = 0
 Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = *0
 Fire = 0
 Reactivity = 0

3 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*

· **Dangerous components:**

471-34-1	calcium carbonate	30.0%
1333-86-4	Carbon black	5.5%
57-55-6	propane-1,2-diol	2.0%
102-71-6	2,2',2''-nitrilotriethanol	2.0%

· **Non dangerous components:**

7732-18-5	water	60.0%
9004-62-0	Hydroxyethyl cellulose	0.5%

· **Remark:**

propane-1,2-diol (CAS No.57-55-6)
Synonym: Propylene glycol

2,2',2''-nitrilotriethanol (CAS No.102-71-6)

(Contd. on page 2)

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Trade name: Water color

Synonym: Triethanolamine

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4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Avoid contact with eyes.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
Do not store together with acidic materials.

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Reviewed on 10/23/2019

Trade name: Water color

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· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate

PEL	15 * 5 ** mg/m ³ *total dust **respirable fraction
REL	10 * 5 ** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn

1333-86-4 Carbon black

PEL	3.5 mg/m ³
REL	3.5 * mg/m ³ *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV	3 * mg/m ³ *inhalable fraction

57-55-6 propane-1,2-diol

WEEL	10 mg/m ³
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102-71-6 2,2',2''-nitritotriethanol

TLV	5 mg/m ³
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· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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Trade name: Water color

· Eye protection:

(Contd. of page 3)



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Paste
Color:	Black
Odor:	Odorless
Odour threshold:	Not available

· pH-value: 7.5~9

· Change in condition

Melting point/Melting range:	Not available.
Freezing point:	Not available
Boiling point/Boiling range:	> 120 °C (> 248 °F)

· Flash point: Not available

· Flammability (solid, gaseous): Not available

· Auto-Ignition temperature: Not available

· Decomposition temperature: Not available

· Explosion limits:

Lower:	Not available.
Upper:	Not available.

· Vapor pressure: Not available.

· Density: Not available.

· Relative density: Not available.

· Vapour density: Not available.

· Evaporation rate: Not available.

· Solubility in / Miscibility with

Water: Not available

· Partition coefficient (n-octanol/water): Not available

· Viscosity:

Dynamic: Not available.

10 Stability and reactivity

· Reactivity No decomposition if used according to specification.

· Chemical stability Stable under recommended storage conditions.

· Possibility of hazardous reactions No dangerous reactions known.

· Conditions to avoid No further relevant information available.

· Incompatible materials: No further relevant information available.

· Hazardous decomposition products: No dangerous decomposition products known.

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Reviewed on 10/23/2019

Trade name: Water color

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11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

1333-86-4 Carbon black

Oral	LD50	15400 mg/kg (rat)
------	------	-------------------

Dermal	LD50	3000 mg/kg (rabbit)
--------	------	---------------------

471-34-1 calcium carbonate

Oral	LD50	6450 mg/kg (rat)
------	------	------------------

57-55-6 propane-1,2-diol

Oral	LD50	22000 mg/kg (mouse)
------	------	---------------------

		20000 mg/kg (rat)
--	--	-------------------

		18500 mg/kg (rabbit)
--	--	----------------------

Dermal	LD50	20800 mg/kg (rabbit)
--------	------	----------------------

102-71-6 2,2',2''-nitritotriethanol

Oral	LD50	5846 mg/kg (mouse)
------	------	--------------------

		5530 mg/kg (rat)
--	--	------------------

		2200 mg/kg (rabbit)
--	--	---------------------

Dermal	LD50	>22500 mg/kg (rabbit)
--------	------	-----------------------

· **Primary irritant effect:**

· **on the skin:** Irritating effect possible.

· **on the eye:** Irritating effect possible.

· **Sensitization:** Sensitization possible.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

1333-86-4	Carbon black	2B
-----------	--------------	----

102-71-6	2,2',2''-nitritotriethanol	3
----------	----------------------------	---

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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Reviewed on 10/23/2019

Trade name: Water color

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT, IMDG, IATA | Not applicable |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not applicable |
| · Packing group | |
| · DOT, IMDG, IATA | Not applicable |
| · Environmental hazards | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

I333-86-4 Carbon black

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

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Trade name: Water color

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· Cancerogenity categories**· EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

1333-86-4 Carbon black

A4

· NIOSH-Ca (National Institute for Occupational Safety and Health)

1333-86-4 Carbon black

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· Hazard symbols:

Harmful

· Hazard-determining components of labelling:

Carbon black

· Risk phrases:

Limited evidence of a carcinogenic effect.

· Safety phrases:

Keep out of the reach of children.

Wear suitable protective clothing, gloves and eye/face protection.

If swallowed, seek medical advice immediately and show this container or label.

Dispose of this material and its container to hazardous or special waste collection point.

· National regulations:**· Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**16 Other information**

 The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

 End of document

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**SDS Report****No. SHACPCH1302890002**

Date: Oct 28,2019

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NINGBO HOME-DOLLAR IMP.&EXP.CORP
69 Guang Yuan Road,Jiangbei District,Ningbo,China

SGS Ref. No. : SHCPCH130300926-1
Sample Name : Water color
End Uses : Drawing
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Oct 20,2019
Last Information Date : Oct 20,2019
SDS Preparation Period : Oct 20-25,2019

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Lindy Liu
Lab Manager

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Item Numbers: 83730-1019, 83730-1020, 83730-1030
Testing Center: Shanghai Co., Ltd.

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Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

1 Identification

- **Product identifier**
- **Trade name:** *Water color*
- **Application of the substance / the preparation:** *Drawing*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 NINGBO HOME-DOLLAR IMP.&EXP.CORP
 69 Guang Yuan Road,Jiangbei District,Ningbo,China
 Tel: 0086-574-88195255
 Fax: 0086-574-88195611
- **Further information obtainable from:** NINGBO HOME-DOLLAR IMP.&EXP.CORP
- **Emergency telephone number:**
 Moon
 Tel: 15867408755
 Email: dept055@home-dollar.com
- **Reference Number:** SHCPCH130300926-1; SHACPCH1302890002

2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information pertaining to particular dangers for man and environment:**
The product is not classified as dangerous according to OSHA Hazard Communication standard (29 CFR 1910.1200)
- **Classification system:**
The classification is according to the latest edition of the OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



3 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*

· **Dangerous components:**

471-34-1	calcium carbonate	30.0%
57-55-6	propane-1,2-diol	2.0%
102-71-6	2,2',2''-nitrilotriethanol	2.0%

· **Non dangerous components:**

7732-18-5	water	60.0%
147-14-8	29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper	5.5%
9004-62-0	Hydroxyethyl cellulose	0.5%

· **Remark:**

propane-1,2-diol (CAS No.57-55-6)
 Synonym: Propylene glycol

2,2',2''-nitrilotriethanol (CAS No.102-71-6)
 Synonym: Triethanolamine

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Reviewed on 10/23/2019

Trade name: Water color

29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper (CAS No.147-14-8)
Synonym: Pigment BLUE 15:3

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4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Avoid contact with eyes.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.

(Contd. on page 3)

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Trade name: Water color

(Contd. of page 2)

Do not store together with acidic materials.

· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.· **Control parameters**· **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate

PEL	15* 5** mg/m ³ *total dust **respirable fraction
REL	10* 5** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn

57-55-6 propane-1,2-diol

WEEL	10 mg/m ³
------	----------------------

102-71-6 2,2',2''-nitrilotriethanol

TLV	5 mg/m ³
-----	---------------------

· **Additional information:** The lists that were valid during the creation were used as basis.· **Exposure controls**· **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**· **Personal protective equipment:**· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

· **Breathing equipment:** Suitable respiratory protective device recommended.· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Tightly sealed goggles

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Reviewed on 10/23/2019

Trade name: Water color

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9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Paste
Color:	Blue
Odor:	Odorless
Odour threshold:	Not available

· pH-value: 7.5~9

· Change in condition

Melting point/Melting range:	Not available.
Freezing point:	Not available
Boiling point/Boiling range:	> 120 °C (> 248 °F)

· Flash point: Not available

· Flammability (solid, gaseous): Not available

· Auto-Ignition temperature: Not available

· Decomposition temperature: Not available

· Explosion limits:

Lower:	Not available.
Upper:	Not available.

· Vapor pressure: Not available.

· Density: Not available.

· Relative density: Not available.

· Vapour density: Not available.

· Evaporation rate: Not available.

· Solubility in / Miscibility with

Water: Not available

· Partition coefficient (n-octanol/water): Not available

· Viscosity:

Dynamic: Not available.

10 Stability and reactivity

- **Reactivity** No decomposition if used according to specification.
- **Chemical stability** Stable under recommended storage conditions.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

471-34-1 calcium carbonate

Oral	LD50	6450 mg/kg (rat)
------	------	------------------

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Reviewed on 10/23/2019

Trade name: Water color

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57-55-6 propane-1,2-diol

Oral	LD50	22000 mg/kg (mouse)
		20000 mg/kg (rat)
		18500 mg/kg (rabbit)
Dermal	LD50	20800 mg/kg (rabbit)

102-71-6 2,2',2''-nitritotriethanol

Oral	LD50	5846 mg/kg (mouse)
		5530 mg/kg (rat)
		2200 mg/kg (rabbit)
Dermal	LD50	>22500 mg/kg (rabbit)

· Primary irritant effect:**· on the skin:** Irritating effect possible.**· on the eye:** Irritating effect possible.**· Sensitization:** Sensitization possible.**· Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· Carcinogenic categories**· IARC (International Agency for Research on Cancer)**

102-71-6 2,2',2''-nitritotriethanol

3

· NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information**· Toxicity****· Aquatic toxicity:** No further relevant information available.**· Persistence and degradability** No further relevant information available.**· Bioaccumulative potential** No further relevant information available.**· Mobility in soil** No further relevant information available.**· Additional ecological information:****· General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations**· Waste treatment methods****· Recommendation:** Smaller quantities can be disposed of with household waste.**· Uncleaned packagings:****· Recommendation:** Disposal must be made according to official regulations.**14 Transport information****· UN-Number****· DOT, IMDG, IATA**

Not applicable

(Contd. on page 6)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 5)

- | | |
|---|-----------------|
| <ul style="list-style-type: none"> · UN proper shipping name · DOT, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT, IMDG, IATA · Class | Not applicable |
| <ul style="list-style-type: none"> · Packing group · DOT, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · Environmental hazards · Marine pollutant: | No |
| <ul style="list-style-type: none"> · Special precautions for user | Not applicable. |
| <ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenicity categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **National regulations:**

- **Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.**

USA

(Contd. on page 7)

Safety Data Sheet
29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 6)

16 Other information

.*****

*The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).***DISCLAIMER OF LIABILITY**

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

.*****

End of document

—USA—

**SDS Report****No. SHACPCH1302890003**

Date: Oct 28,2019

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NINGBO HOME-DOLLAR IMP.&EXP.CORP
69 Guang Yuan Road,Jiangbei District,Ningbo,China

SGS Ref. No. : SHCPCH130300926-1
Sample Name : Water color
End Uses : Drawing
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Oct 20,2019
Last Information Date : Oct 20,2019
SDS Preparation Period : Oct 20-25,2019

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Lindy Liu
Lab Manager

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Item Numbers: 83730-1019, 83730-1020, 83730-1030
Testing Center: Shanghai Co., Ltd.

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233
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Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

1 Identification

- **Product identifier**
- **Trade name:** *Water color*
- **Application of the substance / the preparation:** *Drawing*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 NINGBO HOME-DOLLAR IMP.&EXP.CORP
 69 Guang Yuan Road,Jiangbei District,Ningbo,China
 Tel: 0086-574-88195255
 Fax: 0086-574-88195611
- **Further information obtainable from:** NINGBO HOME-DOLLAR IMP.&EXP.CORP
- **Emergency telephone number:**
 Moon
 Tel: 15867408755
 Email: dept055@home-dollar.com
- **Reference Number:** SHCPCH130300926-1; SHACPCH1302890003

2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information pertaining to particular dangers for man and environment:**
The product is not classified as dangerous according to OSHA Hazard Communication standard (29 CFR 1910.1200)
- **Classification system:**
The classification is according to the latest edition of the OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



3 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*

· **Dangerous components:**

471-34-1	calcium carbonate	30.0%
57-55-6	propane-1,2-diol	2.0%
102-71-6	2,2',2''-nitrilotriethanol	2.0%

· **Non dangerous components:**

7732-18-5	water	60.0%
1328-53-6	polychloro copper phthalocyanine	5.5%
9004-62-0	Hydroxyethyl cellulose	0.5%

· **Remark:**

propane-1,2-diol (CAS No.57-55-6)
 Synonym: Propylene glycol

2,2',2''-nitrilotriethanol (CAS No.102-71-6)
 Synonym: Triethanolamine

(Contd. on page 2)

Safety Data Sheet
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Reviewed on 10/23/2019

Trade name: Water color

polychloro copper phthalocyanine (CAS No.1328-53-6)
Synonym: Phthalocyanine Green

(Contd. of page 1)

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Avoid contact with eyes.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.

(Contd. on page 3)

USA

Safety Data Sheet

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Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 2)

Do not store together with acidic materials.

· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.· **Control parameters**· **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate

PEL	15* 5** mg/m ³ *total dust **respirable fraction
-----	--

REL	10* 5** mg/m ³ *total dust **respirable fraction
-----	--

TLV	TLV withdrawn
-----	---------------

57-55-6 propane-1,2-diol

WEEL	10 mg/m ³
------	----------------------

102-71-6 2,2',2''-nitrilotriethanol

TLV	5 mg/m ³
-----	---------------------

· **Additional information:** The lists that were valid during the creation were used as basis.· **Exposure controls**· **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**· **Personal protective equipment:**· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

· **Breathing equipment:** Suitable respiratory protective device recommended.· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Tightly sealed goggles

USA

(Contd. on page 4)

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 3)

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Paste
Color:	Green
Odor:	Odorless
Odour threshold:	Not available

· pH-value: 7.5~9

· Change in condition

Melting point/Melting range:	Not available.
Freezing point:	Not available
Boiling point/Boiling range:	> 120 °C (> 248 °F)

· Flash point: Not available

· Flammability (solid, gaseous): Not available

· Auto-Ignition temperature: Not available

· Decomposition temperature: Not available

· Explosion limits:

Lower:	Not available.
Upper:	Not available.

· Vapor pressure: Not available.

· Density: Not available.

· Relative density: Not available.

· Vapour density: Not available.

· Evaporation rate: Not available.

· Solubility in / Miscibility with

Water: Not available

· Partition coefficient (n-octanol/water): Not available

· Viscosity:

Dynamic: Not available.

10 Stability and reactivity

- **Reactivity** No decomposition if used according to specification.
- **Chemical stability** Stable under recommended storage conditions.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

471-34-1 calcium carbonate

Oral	LD50	6450 mg/kg (rat)
------	------	------------------

(Contd. on page 5)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 4)

57-55-6 propane-1,2-diol

Oral	LD50	22000 mg/kg (mouse)
		20000 mg/kg (rat)
		18500 mg/kg (rabbit)
Dermal	LD50	20800 mg/kg (rabbit)

102-71-6 2,2',2''-nitritotriethanol

Oral	LD50	5846 mg/kg (mouse)
		5530 mg/kg (rat)
		2200 mg/kg (rabbit)
Dermal	LD50	>22500 mg/kg (rabbit)

· Primary irritant effect:**· on the skin:** Irritating effect possible.**· on the eye:** Irritating effect possible.**· Sensitization:** Sensitization possible.**· Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· Carcinogenic categories**· IARC (International Agency for Research on Cancer)**

102-71-6 2,2',2''-nitritotriethanol

3

· NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information**· Toxicity****· Aquatic toxicity:** No further relevant information available.**· Persistence and degradability** No further relevant information available.**· Bioaccumulative potential** No further relevant information available.**· Mobility in soil** No further relevant information available.**· Additional ecological information:****· General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations**· Waste treatment methods****· Recommendation:** Smaller quantities can be disposed of with household waste.**· Uncleaned packagings:****· Recommendation:** Disposal must be made according to official regulations.**14 Transport information****· UN-Number****· DOT, IMDG, IATA**

Not applicable

(Contd. on page 6)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 5)

- | | |
|---|-----------------|
| · UN proper shipping name
· DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es)
· DOT, IMDG, IATA
· Class | Not applicable |
| · Packing group
· DOT, IMDG, IATA | Not applicable |
| · Environmental hazards
· Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **National regulations:**

- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

USA

(Contd. on page 7)

Safety Data Sheet
29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 6)

16 Other information

.*****

*The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).***DISCLAIMER OF LIABILITY**

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.*****

End of document

—USA—

**SDS Report****No. SHACPCH1302890004**

Date: Oct. 28, 2019

Page 1 of 1

NINGBO HOME-DOLLAR IMP.&EXP.CORP
69 Guang Yuan Road,Jiangbei District,Ningbo,China

SGS Ref. No. : SHCPCH130300926-1
Sample Name : Water color
End Uses : Drawing
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Oct 20,2019
Last Information Date : Oct 20,2019
SDS Preparation Period : Oct 20-25,2019

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Lindy Liu
Lab Manager

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Item Numbers: 83730-1019, 83730-1020, 83730-1030
Testing Center: Shanghai Co., Ltd.

3rd Building, No.889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

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Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

1 Identification

- **Product identifier**
- **Trade name:** *Water color*
- **Application of the substance / the preparation:** *Drawing*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 NINGBO HOME-DOLLAR IMP.&EXP.CORP
 69 Guang Yuan Road, Jiangbei District, Ningbo, China
 Tel: 0086-574-88195255
 Fax: 0086-574-88195611
- **Further information obtainable from:** NINGBO HOME-DOLLAR IMP.&EXP.CORP
- **Emergency telephone number:**
 Moon
 Tel: 15867408755
 Email: dept 055@home-dollar.com
- **Reference Number:** SHCPCH130300926-1; SHACPCCH1302890004

2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information pertaining to particular dangers for man and environment:**
The product is not classified as dangerous according to OSHA Hazard Communication standard (29 CFR 1910.1200)
- **Classification system:**
The classification is according to the latest edition of the OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**
- | | | |
|------------|---|----------------|
| HEALTH | 0 | Health = 0 |
| FIRE | 0 | Fire = 0 |
| REACTIVITY | 0 | Reactivity = 0 |

3 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*

· **Dangerous components:**

471-34-1	calcium carbonate	30.0%
57-55-6	propane-1,2-diol	2.0%
102-71-6	2,2',2''-nitrilotriethanol	2.0%

· **Non dangerous components:**

7732-18-5	water	60.0%
3520-72-7	4,4'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one]	5.5%
9004-62-0	Hydroxyethyl cellulose	0.5%

· **Remark:**

propane-1,2-diol (CAS No.57-55-6)
 Synonym: Propylene glycol

2,2',2''-nitrilotriethanol (CAS No.102-71-6)
 Synonym: Triethanolamine

(Contd. on page 2)

Safety Data Sheet
29 CFR 1910.1200

Page 2/7

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 1)

4,4'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one]
(CAS No.3520-72-7)
Synonym: Permanent Orange G

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Avoid contact with eyes.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.

(Contd. on page 3)

USA

Safety Data Sheet

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Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 2)

- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
Do not store together with acidic materials.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate	
PEL	15 * 5 ** mg/m ³ *total dust **respirable fraction
REL	10 * 5 ** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn
57-55-6 propane-1,2-diol	
WEEL	10 mg/m ³
102-71-6 2,2',2''-nitrilotriethanol	
TLV	5 mg/m ³

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

- The usual precautionary measures for handling chemicals should be followed.

- **Breathing equipment:** Suitable respiratory protective device recommended.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 4)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

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Trade name: Water color

· Eye protection:

(Contd. of page 3)



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Paste
Color:	Yellow
Odor:	Odorless
Odour threshold:	Not available

· pH-value: 7.5~9

· Change in condition

Melting point/Melting range:	Not available.
Freezing point:	Not available
Boiling point/Boiling range:	> 120 °C (> 248 °F)

· Flash point: Not available

· Flammability (solid, gaseous): Not available

· Auto-Ignition temperature: Not available

· Decomposition temperature: Not available

· Explosion limits:

Lower:	Not available.
Upper:	Not available.

· Vapor pressure: Not available.

· Density: Not available.

· Relative density: Not available.

· Vapour density: Not available.

· Evaporation rate: Not available.

· Solubility in / Miscibility with

Water: Not available

· Partition coefficient (n-octanol/water): Not available

· Viscosity:

Dynamic: Not available.

10 Stability and reactivity

· Reactivity No decomposition if used according to specification.

· Chemical stability Stable under recommended storage conditions.

· Possibility of hazardous reactions No dangerous reactions known.

· Conditions to avoid No further relevant information available.

· Incompatible materials: No further relevant information available.

· Hazardous decomposition products: No dangerous decomposition products known.

— USA —

(Contd. on page 5)

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 4)

11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

471-34-1 calcium carbonate

Oral	LD50	6450 mg/kg (rat)
------	------	------------------

57-55-6 propane-1,2-diol

Oral	LD50	22000 mg/kg (mouse) 20000 mg/kg (rat) 18500 mg/kg (rabbit)
Dermal	LD50	20800 mg/kg (rabbit)

102-71-6 2,2',2''-nitrilotriethanol

Oral	LD50	5846 mg/kg (mouse) 5530 mg/kg (rat) 2200 mg/kg (rabbit)
Dermal	LD50	>22500 mg/kg (rabbit)

3520-72-7 4,4'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one]

Oral	LD50	> 5000 mg/kg (rat)
------	------	--------------------

· **Primary irritant effect:**

· **on the skin:** Irritating effect possible.

· **on the eye:** Irritating effect possible.

· **Sensitization:** Sensitization possible.

· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

102-71-6	2,2',2''-nitrilotriethanol	3
----------	----------------------------	---

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

USA

(Contd. on page 6)

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 5)

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT, IMDG, IATA | Not applicable |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not applicable |
| · Packing group | |
| · DOT, IMDG, IATA | Not applicable |
| · Environmental hazards | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

(Contd. on page 7)

USA

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Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 6)

· TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· National regulations:**· Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**16 Other information**

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of document

USA

**SDS Report****No. SHACPCH1302890005**

Date: Oct 28,2019

Page 1 of 1

NINGBO HOME-DOLLAR IMP.&EXP.CORP
69 Guang Yuan Road,Jiangbei District,Ningbo,China

SGS Ref. No. : SHCPCH130300926-1
 Sample Name : Water color
 End Uses : Drawing
 Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
 Job Receiving Date : Oct 20,2019
 Last Information Date : Oct 20,2019
 SDS Preparation Period : Oct 20-25,2019

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Lindy Liu
Lab Manager

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Item Numbers: 83730-1019, 83730-1020, 83730-1030
Testing Center: Shanghai Co., Ltd.

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
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Member of the SGS Group (SGS SA)

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

1 Identification

- **Product identifier**
- **Trade name:** *Water color*
- **Application of the substance / the preparation:** *Drawing*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 NINGBO HOME-DOLLAR IMP.&EXP.CORP
 69 Guang Yuan Road,Jiangbei District,Ningbo,China
 Tel: 0086-574-88195255
 Fax: 0086-574-88195611
- **Further information obtainable from:** NINGBO HOME-DOLLAR IMP.&EXP.CORP
- **Emergency telephone number:**
 Moon
 Tel: 15867408755
 Email: dept055@home-dollar.com
- **Reference Number:** SHCPCH130300926-1; SHACPCH1302890005

2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information pertaining to particular dangers for man and environment:**
The product is not classified as dangerous according to OSHA Hazard Communication standard (29 CFR 1910.1200)
- **Classification system:**
The classification is according to the latest edition of the OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



3 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*

· **Dangerous components:**

471-34-1	calcium carbonate	30.0%
6358-30-1	8,18-dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine	5.5%
57-55-6	propane-1,2-diol	2.0%
102-71-6	2,2',2''-nitrilotriethanol	2.0%

· **Non dangerous components:**

7732-18-5	water	60.0%
9004-62-0	Hydroxyethyl cellulose	0.5%

· **Remark:**

propane-1,2-diol (CAS No.57-55-6)
 Synonym: Propylene glycol

2,2',2''-nitrilotriethanol (CAS No.102-71-6)
 Synonym: Triethanolamine

(Contd. on page 2)

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Reviewed on 10/23/2019

Trade name: Water color

8,18-dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b:3',2'-m]triphenodioxazine (CAS No.6358-30-1)
Synonym: Permanent Violet

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Avoid contact with eyes.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.

(Contd. on page 3)

USA

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Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 2)

Do not store together with acidic materials.

· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.· **Control parameters**· **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate

PEL	15* 5** mg/m ³ *total dust **respirable fraction
REL	10* 5** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn

57-55-6 propane-1,2-diol

WEEL 10 mg/m³

102-71-6 2,2',2''-nitrilotriethanol

TLV 5 mg/m³· **Additional information:** The lists that were valid during the creation were used as basis.· **Exposure controls**· **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**· **Personal protective equipment:**· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

· **Breathing equipment:** Suitable respiratory protective device recommended.· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Tightly sealed goggles

USA

(Contd. on page 4)

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 3)

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Paste
Color:	Purple
Odor:	Odorless
Odour threshold:	Not available

· pH-value: 7.5~9

· Change in condition

Melting point/Melting range:	Not available.
Freezing point:	Not available
Boiling point/Boiling range:	> 120 °C (> 248 °F)

· Flash point: Not available

· Flammability (solid, gaseous): Not available

· Auto-Ignition temperature: Not available

· Decomposition temperature: Not available

· Explosion limits:

Lower:	Not available.
Upper:	Not available.

· Vapor pressure: Not available.

· Density: Not available.

· Relative density: Not available.

· Vapour density: Not available.

· Evaporation rate: Not available.

· Solubility in / Miscibility with

Water: Not available

· Partition coefficient (n-octanol/water): Not available

· Viscosity:

Dynamic: Not available.

10 Stability and reactivity

- **Reactivity** No decomposition if used according to specification.
- **Chemical stability** Stable under recommended storage conditions.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

471-34-1 calcium carbonate

Oral	LD50	6450 mg/kg (rat)
------	------	------------------

(Contd. on page 5)

USA

Safety Data Sheet

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Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 4)

57-55-6 propane-1,2-diol

Oral	LD50	22000 mg/kg (mouse)
		20000 mg/kg (rat)
		18500 mg/kg (rabbit)
Dermal	LD50	20800 mg/kg (rabbit)

102-71-6 2,2',2''-nitritotriethanol

Oral	LD50	5846 mg/kg (mouse)
		5530 mg/kg (rat)
		2200 mg/kg (rabbit)
Dermal	LD50	>22500 mg/kg (rabbit)

· Primary irritant effect:**· on the skin:** Irritating effect possible.**· on the eye:** Irritating effect possible.**· Sensitization:** Sensitization possible.**· Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· Carcinogenic categories**· IARC (International Agency for Research on Cancer)**

102-71-6 2,2',2''-nitritotriethanol

3

· NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information**· Toxicity****· Aquatic toxicity:** No further relevant information available.**· Persistence and degradability** No further relevant information available.**· Bioaccumulative potential** No further relevant information available.**· Mobility in soil** No further relevant information available.**· Additional ecological information:****· General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations**· Waste treatment methods****· Recommendation:** Smaller quantities can be disposed of with household waste.**· Uncleaned packagings:****· Recommendation:** Disposal must be made according to official regulations.**14 Transport information****· UN-Number****· DOT, IMDG, IATA**

Not applicable

(Contd. on page 6)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 5)

- | | |
|---|-----------------|
| <ul style="list-style-type: none"> · UN proper shipping name · DOT, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT, IMDG, IATA · Class | Not applicable |
| <ul style="list-style-type: none"> · Packing group · DOT, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · Environmental hazards · Marine pollutant: | No |
| <ul style="list-style-type: none"> · Special precautions for user | Not applicable. |
| <ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenicity categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **National regulations:**

- **Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.**

USA

(Contd. on page 7)

Safety Data Sheet
29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 6)

16 Other information

.*****

*The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).***DISCLAIMER OF LIABILITY**

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

.*****

End of document

—USA—

**SDS Report****No. SHACPCH1302890006**

Date: Oct 28,2019

Page 1 of 1

NINGBO HOME-DOLLAR IMP.&EXP.CORP
69 Guang Yuan Road,Jiangbei District,Ningbo,China

SGS Ref. No. : SHCPCH130300926-1
Sample Name : Water color
End Uses : Drawing
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Oct 20,2019
Last Information Date : Oct 20,2019
SDS Preparation Period : Oct 20-25,2019

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Lindy Liu
Lab Manager

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Item Numbers: 83730-1019, 83730-1020, 83730-1030
Testing Center: Shanghai Co., Ltd.

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

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Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

1 Identification

- **Product identifier**
- **Trade name:** *Water color*
- **Application of the substance / the preparation:** *Drawing*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 NINGBO HOME-DOLLAR IMP.&EXP.CORP
 69 Guang Yuan Road, Jiangbei District, Ningbo, China
 Tel: 0086-574-88195255
 Fax: 0086-574-88195611
- **Further information obtainable from:** NINGBO HOME-DOLLAR IMP.&EXP.CORP
- **Emergency telephone number:**
 Moon
 Tel: 15867408755
 Email: dept055@home-dollar.com
- **Reference Number:** SHCPCH130300926-1; SHACPCH1302890006

2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information pertaining to particular dangers for man and environment:**
The product is not classified as dangerous according to OSHA Hazard Communication standard (29 CFR 1910.1200)
- **Classification system:**
The classification is according to the latest edition of the OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**
- | | | |
|------------|---|----------------|
| HEALTH | 0 | Health = 0 |
| FIRE | 0 | Fire = 0 |
| REACTIVITY | 0 | Reactivity = 0 |

3 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*

· **Dangerous components:**

471-34-1	calcium carbonate	30.0%
57-55-6	propane-1,2-diol	2.0%
102-71-6	2,2',2''-nitrilotriethanol	2.0%

· **Non dangerous components:**

7732-18-5	water	60.0%
6410-41-9	N-(5-chloro-2,4-dimethoxyphenyl)-4-[[5-[(diethylamino)sulphonyl]-2-methoxyphenyl]azo]-3-hydroxynaphthalene-2-carboxamide	5.5%
9004-62-0	Hydroxyethyl cellulose	0.5%

· **Remark:**

propane-1,2-diol (CAS No.57-55-6)
 Synonym: Propylene glycol

2,2',2''-nitrilotriethanol (CAS No.102-71-6)
 Synonym: Triethanolamine

(Contd. on page 2)

Safety Data Sheet
29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 1)

N-(5-chloro-2,4-dimethoxyphenyl)-4-[[5-[(diethylamino)sulphonyl]-2-methoxyphenyl]azo]-3-hydroxynaphthalene-2-carboxamide (CAS No.6410-41-9)
Synonym: Pigment Red 5

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Avoid contact with eyes.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.

(Contd. on page 3)

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Safety Data Sheet

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Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 2)

- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
Do not store together with acidic materials.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate	
PEL	15 * 5 ** mg/m ³ *total dust **respirable fraction
REL	10 * 5 ** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn
57-55-6 propane-1,2-diol	
WEEL	10 mg/m ³
102-71-6 2,2',2''-nitrilotriethanol	
TLV	5 mg/m ³

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

- The usual precautionary measures for handling chemicals should be followed.

- **Breathing equipment:** Suitable respiratory protective device recommended.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 4)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

· Eye protection:

(Contd. of page 3)



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Paste
Color:	Red
Odor:	Odorless
Odour threshold:	Not available

· pH-value: 7.5~9

· Change in condition

Melting point/Melting range:	Not available.
Freezing point:	Not available
Boiling point/Boiling range:	> 120 °C (> 248 °F)

· Flash point: Not available

· Flammability (solid, gaseous): Not available

· Auto-Ignition temperature: Not available

· Decomposition temperature: Not available

· Explosion limits:

Lower:	Not available.
Upper:	Not available.

· Vapor pressure: Not available.

· Density: Not available.

· Relative density: Not available.

· Vapour density: Not available.

· Evaporation rate: Not available.

· Solubility in / Miscibility with

Water: Not available

· Partition coefficient (n-octanol/water): Not available

· Viscosity:

Dynamic: Not available.

10 Stability and reactivity

· Reactivity No decomposition if used according to specification.

· Chemical stability Stable under recommended storage conditions.

· Possibility of hazardous reactions No dangerous reactions known.

· Conditions to avoid No further relevant information available.

· Incompatible materials: No further relevant information available.

· Hazardous decomposition products: No dangerous decomposition products known.

— USA —

(Contd. on page 5)

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 4)

11 Toxicological information

- Information on toxicological effects

- Acute toxicity:

- LD/LC50 values that are relevant for classification:

471-34-1 calcium carbonate

Oral	LD50	6450 mg/kg (rat)
------	------	------------------

57-55-6 propane-1,2-diol

Oral	LD50	22000 mg/kg (mouse)
		20000 mg/kg (rat)
		18500 mg/kg (rabbit)

Dermal	LD50	20800 mg/kg (rabbit)
--------	------	----------------------

102-71-6 2,2',2''-nitrilotriethanol

Oral	LD50	5846 mg/kg (mouse)
		5530 mg/kg (rat)
		2200 mg/kg (rabbit)

Dermal	LD50	>22500 mg/kg (rabbit)
--------	------	-----------------------

- Primary irritant effect:

- on the skin: Irritating effect possible.

- on the eye: Irritating effect possible.

- Sensitization: Sensitization possible.

- Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- Carcinogenic categories

- IARC (International Agency for Research on Cancer)

102-71-6	2,2',2''-nitrilotriethanol	3
----------	----------------------------	---

- NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

- Toxicity

- Aquatic toxicity: No further relevant information available.

- Persistence and degradability: No further relevant information available.

- Bioaccumulative potential: No further relevant information available.

- Mobility in soil: No further relevant information available.

- Additional ecological information:

- General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- Waste treatment methods

- Recommendation: Smaller quantities can be disposed of with household waste.

(Contd. on page 6)

USA

Safety Data Sheet

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Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 5)

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | Not applicable |
| · DOT, IMDG, IATA | Not applicable |
| · UN proper shipping name | Not applicable |
| · DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | Not applicable |
| · Class | Not applicable |
| · Packing group | |
| · DOT, IMDG, IATA | Not applicable |
| · Environmental hazards | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

(Contd. on page 7)

USA

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Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 6)

· OSHA-Ca (Occupational Safety & Health Administration)*None of the ingredients is listed.***· National regulations:****· Water hazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.***16 Other information**

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of document

USA

**SDS Report****No. SHACPCH1302890007**

Date: Oct 28,2019

Page 1 of 1

NINGBO HOME-DOLLAR IMP.&EXP.CORP
69 Guang Yuan Road,Jiangbei District,Ningbo,China

SGS Ref. No. : SHCPCH130300926-1
 Sample Name : Water color
 End Uses : Drawing
 Composition/Ingredient of sample (as per client submission) : See section 3 Composition/information on ingredients on the SDS report
 Job Receiving Date : Oct 20,2019
 Last Information Date : Oct 20,2019
 SDS Preparation Period : Oct 20-25,2019

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Lindy Liu
Lab Manager

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Item Numbers: 83730-1019, 83730-1020, 83730-1030
Testing Center: Shanghai Co., Ltd.

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
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Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

1 Identification

- **Product identifier**
- **Trade name:** *Water color*
- **Application of the substance / the preparation:** *Drawing*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 NINGBO HOME-DOLLAR IMP.&EXP.CORP
 69 Guang Yuan Road,Jiangbei District,Ningbo,China
 Tel: 0086-574-88195255
 Fax: 0086-574-88195611
- **Further information obtainable from:** NINGBO HOME-DOLLAR IMP.&EXP.CORP
- **Emergency telephone number:**
 Moon
 Tel: 15867408755
 Email: dept055@home-dollar.com
- **Reference Number:** SHCPCH130300926-1; SHACPCH1302890007

2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information pertaining to particular dangers for man and environment:**
The product is not classified as dangerous according to OSHA Hazard Communication standard (29 CFR 1910.1200)
- **Classification system:**
The classification is according to the latest edition of the OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**
- | | | |
|------------|---|----------------|
| HEALTH | 0 | Health = 0 |
| FIRE | 0 | Fire = 0 |
| REACTIVITY | 0 | Reactivity = 0 |

3 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*

· **Dangerous components:**

471-34-1	calcium carbonate	30.0%
57-55-6	propane-1,2-diol	2.0%
102-71-6	2,2',2''-nitrilotriethanol	2.0%

· **Non dangerous components:**

7732-18-5	water	60.0%
13463-67-7	titanium dioxide	5.5%
9004-62-0	Hydroxyethyl cellulose	0.5%

· **Remark:**

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Trade name: Water color*propane-1,2-diol (CAS No.57-55-6)**Synonym: Propylene glycol*

(Contd. of page 1)

*2,2',2''-nitritotriethanol (CAS No.102-71-6)**Synonym: Triethanolamine*

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Avoid contact with eyes.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.

(Contd. on page 3)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 2)

- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
Do not store together with acidic materials.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate

PEL	15 * 5 ** mg/m ³ *total dust **respirable fraction
REL	10 * 5 ** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn

57-55-6 propane-1,2-diol

WEEL	10 mg/m ³
------	----------------------

102-71-6 2,2',2''-nitrilotriethanol

TLV	5 mg/m ³
-----	---------------------

13463-67-7 titanium dioxide

PEL	15 * mg/m ³ *total dust
REL	See Pocket Guide App. A
TLV	10 mg/m ³

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

· **Eye protection:**

(Contd. of page 3)



Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**· **General Information**· **Appearance:**

Form:	Paste
Color:	White
Odor:	Odorless
Odour threshold:	Not available

· **pH-value:** 7.5~9· **Change in condition**

Melting point/Melting range:	Not available.
Freezing point:	Not available
Boiling point/Boiling range:	> 120 °C (> 248 °F)

· **Flash point:** Not available· **Flammability (solid, gaseous):** Not available· **Auto-Ignition temperature:** Not available· **Decomposition temperature:** Not available· **Explosion limits:**

Lower:	Not available.
Upper:	Not available.

· **Vapor pressure:** Not available.· **Density:** Not available.· **Relative density** Not available.· **Vapour density** Not available.· **Evaporation rate** Not available.· **Solubility in / Miscibility with**

Water: Not available

· **Partition coefficient (n-octanol/water):** Not available· **Viscosity:**

Dynamic: Not available.

10 Stability and reactivity

· **Reactivity** No decomposition if used according to specification.· **Chemical stability** Stable under recommended storage conditions.· **Possibility of hazardous reactions** No dangerous reactions known.· **Conditions to avoid** No further relevant information available.· **Incompatible materials:** No further relevant information available.· **Hazardous decomposition products:** No dangerous decomposition products known.

— USA —

(Contd. on page 5)

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 4)

11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

471-34-1 calcium carbonate

Oral	LD50	6450 mg/kg (rat)
------	------	------------------

57-55-6 propane-1,2-diol

Oral	LD50	22000 mg/kg (mouse) 20000 mg/kg (rat) 18500 mg/kg (rabbit)
Dermal	LD50	20800 mg/kg (rabbit)

102-71-6 2,2',2''-nitrilotriethanol

Oral	LD50	5846 mg/kg (mouse) 5530 mg/kg (rat) 2200 mg/kg (rabbit)
Dermal	LD50	>22500 mg/kg (rabbit)

13463-67-7 titanium dioxide

Oral	LD50	>20000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/l (rat)

- **Primary irritant effect:**

- **on the skin:** Irritating effect possible.

- **on the eye:** Irritating effect possible.

- **Sensitization:** Sensitization possible.

- **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

13463-67-7	titanium dioxide	2B
102-71-6	2,2',2''-nitrilotriethanol	3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

(Contd. on page 6)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 5)

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT, IMDG, IATA | Not applicable |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not applicable |
| · Packing group | |
| · DOT, IMDG, IATA | Not applicable |
| · Environmental hazards | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

(Contd. on page 7)

USA

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29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

Trade name: Water color

(Contd. of page 6)

· Cancerogenity categories**· EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

13463-67-7 titanium dioxide

A4

· NIOSH-Ca (National Institute for Occupational Safety and Health)

13463-67-7 titanium dioxide

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· National regulations:**· Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**16 Other information**

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of document

USA

**SDS Report****No. SHACPCH1302890008**

Date: Oct 28,2019

Page 1 of 1

NINGBO HOME-DOLLAR IMP.&EXP.CORP
69 Guang Yuan Road,Jiangbei District,Ningbo,China

SGS Ref. No. : SHCPCH130300926-1
Sample Name : Water color
End Uses : Drawing
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Oct 20,2019
Last Information Date : Oct 20,2019
SDS Preparation Period : Oct 20-25,2019

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Lindy Liu
Lab Manager

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Item Numbers: 83730-1019, 83730-1020, 83730-1030
Testing Center: Shanghai Co., Ltd.

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
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Page 57 of 64

Safety Data Sheet

29 CFR 1910.1200

Printing date 10/27/2019

Reviewed on 10/23/2019

1 Identification

- **Product identifier**
- **Trade name:** *Water color*
- **Application of the substance / the preparation:** *Drawing*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 NINGBO HOME-DOLLAR IMP.&EXP.CORP
 69 Guang Yuan Road, Jiangbei District, Ningbo, China
 Tel: 0086-574-88195255
 Fax: 0086-574-88195611
- **Further information obtainable from:** NINGBO HOME-DOLLAR IMP.&EXP.CORP
- **Emergency telephone number:**
 Moon
 Tel: 15867408755
 Email: dept055@home-dollar.com
- **Reference Number:** SHCPCH130300926-1; SHACPCH1302890008

2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information pertaining to particular dangers for man and environment:**
The product is not classified as dangerous according to OSHA Hazard Communication standard (29 CFR 1910.1200)
- **Classification system:**
The classification is according to the latest edition of the OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**
- | | | |
|------------|---|----------------|
| HEALTH | 0 | Health = 0 |
| FIRE | 0 | Fire = 0 |
| REACTIVITY | 0 | Reactivity = 0 |

3 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*

· **Dangerous components:**

471-34-1	calcium carbonate	30.0%
57-55-6	propane-1,2-diol	2.0%
102-71-6	2,2',2''-nitrilotriethanol	2.0%

· **Non dangerous components:**

7732-18-5	water	60.0%
5567-15-7	C.I. Pigment Yellow 83	5.5%
9004-62-0	Hydroxyethyl cellulose	0.5%

· **Remark:**

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Trade name: Water color*propane-1,2-diol (CAS No.57-55-6)**Synonym: Propylene glycol*

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*2,2',2''-nitritoltriethanol (CAS No.102-71-6)**Synonym: Triethanolamine*

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Avoid contact with eyes.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.

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- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
Do not store together with acidic materials.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate

PEL	15 * 5 ** mg/m ³ *total dust **respirable fraction
REL	10 * 5 ** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn

57-55-6 propane-1,2-diol

WEEL	10 mg/m ³
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102-71-6 2,2',2''-nitrilotriethanol

TLV	5 mg/m ³
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- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

- The usual precautionary measures for handling chemicals should be followed.

- **Breathing equipment:** Suitable respiratory protective device recommended.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection:

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Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Paste
Color:	Yellow
Odor:	Odorless
Odour threshold:	Not available

· pH-value: 7.5~9

· Change in condition

Melting point/Melting range:	Not available.
Freezing point:	Not available
Boiling point/Boiling range:	> 120 °C (> 248 °F)

· Flash point: Not available

· Flammability (solid, gaseous): Not available

· Auto-Ignition temperature: Not available

· Decomposition temperature: Not available

· Explosion limits:

Lower:	Not available.
Upper:	Not available.

· Vapor pressure: Not available.

· Density: Not available.

· Relative density: Not available.

· Vapour density: Not available.

· Evaporation rate: Not available.

· Solubility in / Miscibility with

Water: Not available

· Partition coefficient (n-octanol/water): Not available

· Viscosity:

Dynamic: Not available.

10 Stability and reactivity

· Reactivity No decomposition if used according to specification.

· Chemical stability Stable under recommended storage conditions.

· Possibility of hazardous reactions No dangerous reactions known.

· Conditions to avoid No further relevant information available.

· Incompatible materials: No further relevant information available.

· Hazardous decomposition products: No dangerous decomposition products known.

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11 Toxicological information

- Information on toxicological effects

- Acute toxicity:

- LD/LC50 values that are relevant for classification:

471-34-1 calcium carbonate

Oral	LD50	6450 mg/kg (rat)
------	------	------------------

57-55-6 propane-1,2-diol

Oral	LD50	22000 mg/kg (mouse)
		20000 mg/kg (rat)
		18500 mg/kg (rabbit)

Dermal	LD50	20800 mg/kg (rabbit)
--------	------	----------------------

102-71-6 2,2',2''-nitrilotriethanol

Oral	LD50	5846 mg/kg (mouse)
		5530 mg/kg (rat)
		2200 mg/kg (rabbit)

Dermal	LD50	>22500 mg/kg (rabbit)
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- Primary irritant effect:

- on the skin: Irritating effect possible.

- on the eye: Irritating effect possible.

- Sensitization: Sensitization possible.

- Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- Carcinogenic categories

- IARC (International Agency for Research on Cancer)

102-71-6	2,2',2''-nitrilotriethanol	3
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- NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

- Toxicity

- Aquatic toxicity: No further relevant information available.

- Persistence and degradability: No further relevant information available.

- Bioaccumulative potential: No further relevant information available.

- Mobility in soil: No further relevant information available.

- Additional ecological information:

- General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- Waste treatment methods

- Recommendation: Smaller quantities can be disposed of with household waste.

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | Not applicable |
| · DOT, IMDG, IATA | Not applicable |
| · UN proper shipping name | Not applicable |
| · DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | Not applicable |
| · Class | Not applicable |
| · Packing group | |
| · DOT, IMDG, IATA | Not applicable |
| · Environmental hazards | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenicity categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

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· OSHA-Ca (Occupational Safety & Health Administration)*None of the ingredients is listed.***· National regulations:****· Water hazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.***16 Other information**

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

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