22528-1048

SAFETY DATA SHEET

Issuing Date 18-Jan-2018 Revision Date 18-Jan-2018 Revision Number 4

NGHS / English



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1. IDENTIFICATION

Product identifier

Product Name Water Based Gel Pens - Pack of 48

Other means of identification

Product Code(s) 1297798

Recommended use of the chemical and restrictions on use

Recommended Use Pens

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification Fiskars Brands, Inc.

Address 7800 Discovery Drive

Middleton Wisconsin 53562 United States

Telephone Phone:608-294-4740

Fax:608-294-4792

E-mail tracy.melin@fiskars.com

Emergency telephone number

Company Emergency Phone

Number

866-348-5661

2. HAZARDS IDENTIFICATION

Classification

Acute toxicity - Oral Category 4

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Acute toxicity - Dermal	Category 3
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 1A

Appearance Color Physical state Paste / Gel Liquid Odor Characteristic

GHS Label elements, including precautionary statements

Danger

Hazard statements

Harmful if swallowed Toxic in contact with skin Causes serious eye irritation May cause cancer



Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Specific treatment (see supplemental first aid instructions on this label)

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of water and soap

Call a POISON CENTER or doctor if you feel unwell

Take off immediately all contaminated clothing and wash it before reuse

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

Rinse mouth

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

Harmful to aquatic life with long lasting effects.

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Unknown acute toxicity

131 % of the mixture consists of ingredient(s) of unknown toxicity

92.2 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

99 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

131 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

131 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

128.2 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

<u>Mixture</u>

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Propylene glycol	57-55-6	32	-	-
Titanium dioxide	13463-67-7	18.5	-	-
Pigment blue 15	147-14-8	10	-	-
Phthalocyanine green	1328-53-6	10	-	-
Carbon black	1333-86-4	10	-	-
Aluminum	7429-90-5	5.2	-	-
Butanamide, 2,2`-[(3,3`-dichloro[1,1`-bi phenyl]-4,4`-diyl	5468-75-7	3.6	-	-
Xanthylium, 3,6-bis(diethylamino)-9-[2 -(methoxycarbonyl)phenyl]-, (T-4)-tetrachlorozincate(2 -) (2:1)	73398-89-7	2.8	-	-
Triethanolamine	102-71-6	1.2	-	-
3H-Pyrazol-3-one, 4,4`-[(3,3`-dichloro[1,1`-bi phenyl]-4,4`-diyl)bis(azo)] bis[2,4-dihydro-5-methyl- 2-phenyl-		0.4	-	-

4. FIRST AID MEASURES

First aid measures

General advice Show this safety data sheet to the doctor in attendance. Immediate medical attention is

required. IF exposed or concerned: Get medical advice/attention.

Remove to fresh air.

Eye contact Get immediate medical advice/attention. Rinse immediately with plenty of water, also under

the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact

lenses, if present and easy to do. Continue rinsing. Do not rub affected area.

Skin contact Get immediate medical advice/attention. Wash off immediately with soap and plenty of

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Inhalation

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water while removing all contaminated clothes and shoes.

Ingestion Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water.

Never give anything by mouth to an unconscious person. Get immediate medical

advice/attention.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved, take precautions to

protect themselves and prevent spread of contamination. Wear personal protective clothing

(see section 8). Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation.

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the

chemical

No information available.

Hazardous Combustion Products Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Special protective equipment for

fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout

gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal

protective equipment as required. Evacuate personnel to safe areas.

Other Information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

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7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Take off contaminated clothing and wash before reuse. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical name	ACGIH TI	LV	08	SHA PEL		NIOSH IDLH
Titanium dioxide 13463-67-7	TWA: 10 m	<u> </u>	(vacated) TW	ng/m³ total dust /A: 10 mg/m³ to dust		IDLH: 5000 mg/m ³
Pigment blue 15 147-14-8	TWA: 1 mg/m ³ Cu d	lust and mist		-		H: 100 mg/m³ Cu dust and mist A: 1 mg/m³ Cu dust and mist
Phthalocyanine green 1328-53-6	TWA: 1 mg/m ³ Cu d	lust and mist		-		d: 100 mg/m³ Cu dust and mist A: 1 mg/m³ Cu dust and mist
Carbon black 1333-86-4	TWA: 3 mg/m³ particulate m			: 3.5 mg/m ³ TWA: 3.5 mg/m ³	in	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ :: 0.1 mg/m ³ Carbon black presence of Polycyclic matic hydrocarbons PAH
Aluminum 7429-90-5	TWA: 1 mg/m³ particulate m			TWA:	A: 10 mg/m³ total dust 5 mg/m³ respirable dust TWA: 5 mg/m³ Al	
Triethanolamine 102-71-6	TWA: 5 mg	y/m³		-		
Chemical name	Alberta	British C	olumbia	Ontario TW/	ÆV	Quebec
Propylene glycol 57-55-6				TWA: 10 mg TWA: 50 p TWA: 155 m	om	
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³		0 mg/m ³ 5 mg/m ³	TWA: 10 mg		TWA: 10 mg/m ³

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Carbon black 1333-86-4	TWA: 3.5 mg/m ³	TWA: 3 mg/m ³	TWA: 3 mg/m ³	TWA: 3.5 mg/m ³
Aluminum	TWA: 10 mg/m ³ TWA: 5	TWA: 1.0 mg/m ³	TWA: 1 mg/m ³	TWA: 10 mg/m ³ TWA: 5
7429-90-5	mg/m ³		-	mg/m ³
Triethanolamine	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 0.5 ppm	TWA: 5 mg/m ³
102-71-6		_	TWA: 3.1 mg/m ³	

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d

962 (11th Cir., 1992).

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are

exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state Paste / Gel; Liquid Appearance Color

OdorCharacteristicColorNo information availableOdor ThresholdNo data available

Property Values Remarks Method

PH No data available None known
Melting / freezing point No data available None known

Melting / freezing point No data available None k
Boiling point / boiling range No data available °C / 212 °F

Flash Point

No data available

None known

Rought Available

No data available

None known

No data available

None known

Upper flammability limit
Lower flammability limit
Vapor pressure

No data available
No data available
No data available

Vapor pressureNo data availableNone knownVapor densityNo data availableNone knownRelative density1

Water Solubility

Solubility(ies)

Very soluble

None known

None known



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Partition coefficient: n-octanol/water0

Autoignition temperature No data available None known **Decomposition temperature** No data available None known Kinematic viscosity No data available None known Dynamic viscosity No data available None known

Other Information Explosive properties No information available Oxidizing properties No information available **Softening Point** No information available Molecular Weight No information available VOC Content (%) No information available Liquid Density No information available **Bulk Density** No information available Particle Size No information available **Particle Size Distribution** No information available

10. STABILITY AND REACTIVITY

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur. Conditions to avoid None known based on information supplied. Incompatible materials None known based on information supplied.

Hazardous Decomposition Products Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye

irritation. (based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. May cause irritation.

Prolonged contact may cause redness and irritation. Toxic in contact with skin. (based on

components).

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhea. Harmful if swallowed. (based on

components).

Information on toxicological effects

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Symptoms May cause redness and tearing of the eyes.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document ...

ATEmix (oral) 596.00 mg/kg ATEmix (dermal) 650.00 mg/kg ATEmix (inhalation-dust/mist) 17.89 mg/L

Unknown acute toxicity

131 % of the mixture consists of ingredient(s) of unknown toxicity

92.2 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

99 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

- 131 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 131 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 128.2 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene glycol	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	-
Titanium dioxide	> 10000 mg/kg (Rat)	-	-
Pigment blue 15	> 10000 mg/kg (Rat)	-	-
Phthalocyanine green	> 5000 mg/kg (Rat)	-	-
Carbon black	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
Butanamide,	> 5 g/kg (Rat)	-	-
2,2`-[(3,3`-dichloro[1,1`-biphenyl			
]-4,4`-diyl			
Triethanolamine	= 4190 mg/kg (Rat)	> 16 mL/kg (Rat) > 20 mL/kg	-
		(Rabbit)	
3H-Pyrazol-3-one,	> 5 g/kg (Rat)	-	-
4,4`-[(3,3`-dichloro[1,1`-biphenyl			
]-4,4`-diyl)bis(azo)]bis[2,4-dihydr			
o-5-methyl-2-phenyl-			

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation May cause skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Irritating to eyes.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Classification based on data available for ingredients. Contains a known or suspected

carcinogen. This product contains titanium dioxide in a non-respirable form. Inhalation of

titanium dioxide is unlikely to occur from exposure to this product.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7	-	Group 2B	-	X
Carbon black 1333-86-4	A3	Group 2B	-	X

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Butanamide, 2,2`-[(3,3`-dichloro[1,1`-bi phenyl]-4,4`-diyl 5468-75-7	-	-	Known	-
Triethanolamine 102-71-6	•	Group 3	•	-
3H-Pyrazol-3-one, 4,4'-[(3,3'-dichloro[1,1'-bi phenyl]-4,4'-diyl)bis(azo)] bis[2,4-dihydro-5-methyl- 2-phenyl- 3520-72-7		-	Known	-

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity No information available. STOT - single exposure No information available. STOT - repeated exposure No information available. **Aspiration hazard** No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propylene glycol	96h EC50: = 19000 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 51600 mg/L (Oncorhynchus mykiss) 96h LC50: 41 - 47 mL/L (Oncorhynchus mykiss) 96h LC50: = 51400 mg/L (Pimephales promelas) 96h LC50: = 710 mg/L (Pimephales promelas)		
Pigment blue 15	-	48h LC50: > 100 mg/L (Oryzias latipes)	-	-
Phthalocyanine green	-	96h LC50: = 752.4 mg/L (Lepomis macrochirus)	EC50 > 10000 mg/L 30 min	24h EC50: > 500 mg/L
Carbon black	-	-	-	24h EC50: > 5600 mg/L
Triethanolamine	96h EC50: = 169 mg/L (Desmodesmus subspicatus) 72h EC50: = 216 mg/L (Desmodesmus subspicatus)		-	24h EC50: = 1386 mg/L

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Persistence and Degradability

No information available.

Bioaccumulation

Chemical name	Log Pow
Pigment blue 15	6.6
Triethanolamine	-2.53

Mobility

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

Contaminated packaging

Do not reuse empty containers.

California Waste Codes 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste
Pigment blue 15	Toxic
147-14-8	T
Phthalocyanine green 1328-53-6	Toxic
Aluminum 7429-90-5	Ignitable powder
Xanthylium, 3,6-bis(diethylamino)-9-[2-(methoxycarbonyl)phenyl]-, (T-4)-tetrachlorozincate(2-) (2:1) 73398-89-7	Toxic

14. TRANSPORT INFORMATION

DOTNOT REGULATEDProper Shipping NameNON REGULATED

Hazard Class N/A

MEX Not regulated

Not regulated

Not regulated

Not regulated

 IATA
 Not regulated

 Proper Shipping Name
 NON REGULATED



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Hazard Class N/A

IMDG/IMO Not regulated

Hazard Class N/A

RID Not regulated ADR Not regulated ADN Not regulated

15. REGULATORY INFORMATION

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

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA Contact supplier for inventory compliance status. DSL/NDSL Contact supplier for inventory compliance status. Contact supplier for inventory compliance status. **EINECS/ELINCS ENCS** Contact supplier for inventory compliance status. KECL Contact supplier for inventory compliance status. **PICCS** Contact supplier for inventory compliance status. **AICS** Contact supplier for inventory compliance status.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

FICS

- Korean Existing and Evaluated Chemical Substances
- Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Pigment blue 15 - 147-14-8	147-14-8	10	1.0
Phthalocyanine green - 1328-53-6	1328-53-6	10	1.0
Aluminum - 7429-90-5	7429-90-5	5.2	1.0
Xanthylium,	73398-89-7	2.8	1.0
3,6-bis(diethylamino)-9-[2-(methoxycarbonyl)phenyl			
]-, (T-4)-tetrachlorozincate(2-) (2:1) - 73398-89-7			

SARA 311/312 Hazard Categories

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Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Pigment blue 15 147-14-8		X		
Phthalocyanine green 1328-53-6		X		
Xanthylium, 3,6-bis(diethylamino)-9-[2 -(methoxycarbonyl)phenyl]-, (T-4)-tetrachlorozincate(2 -) (2:1) 73398-89-7		×		

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen
Carbon black - 1333-86-4	Carcinogen

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusett	Pennsylvania	Rhode Island	Illinois
		S			
Propylene glycol	X		X		
57-55-6					
Titanium dioxide	X	X	X		
13463-67-7					
Pigment blue 15	X		X	X	
147-14-8					
Phthalocyanine green	X		X	X	
1328-53-6					
Carbon black	X	X	X		X
1333-86-4					
Aluminum	X	X	X	X	
7429-90-5					
Butanamide,					X
2,2`-[(3,3`-dichloro[1,1`-biphenyl]-4,4`-diyl					
5468-75-7					



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Xanthylium,	X		X	X	
3,6-bis(diethylamino)-9-[2-(methoxycarbonyl)phenyl					
]-, (T-4)-tetrachlorozincate(2-) (2:1)					
73398-89-7					
Triethanolamine	Х	X	X		
102-71-6					
3H-Pyrazol-3-one,					X
4,4`-[(3,3`-dichloro[1,1`-biphenyl]-4,4`-diyl)bis(azo)]					
bis[2,4-dihydro-5-methyl-2-phenyl-					
3520-72-7					

16. OTHER INFORMATION

NFPA Health hazards 2 Flammability 0 Instability 0 Physical and Chemical

Properties
HMIS Health hazards 2 * Flammability 0 Physical hazards 0 Personal Protection X

Chronic Hazard Star Legend *= Chronic Health Hazard

Prepared By Product Stewardship

23 British American Blvd. Latham, NY 12110 1-800-572-6501

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Revision Note No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet