

## SAFETY DATA SHEET

Revised date: 2022/04/15

### SECTION 1: Identification of the substance /mixture and of the company

#### 1.1 Product Identifier

Trade name: 73-91424\_LIGHTHOUSE MOONLIGHT

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture: For drawing only.

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier : LION PENCIL CO.,LTD

Address: NO.186,SEC.1,CHUNG-SHAN ROAD,PANCHIAO,NEW TAIPEI CITY,220, Taiwan,R.O.C

#### 1.4 Information department :

Information contact: Lion Laboratory

Tel: +886-02-2963-1717

Fax: +886-02-2957-3319

Website: <http://www.simbalion.com.tw>

#### 1.5 Emergency telephone number:

Emergency Call: +886-02-2963-1717

Information Fax: +886-02-2957-3319

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (OSHA)USA

- Information concerning particular hazards for human and environment:

GHS classification of the substance/mixture: Not include in GHS classification

GHS label elements and precautionary statements: Not include GHS label elements and precautionary statements.

- POTENTIAL HEALTH EFFECTS

Skin Contact : Not Cause Skin Irritation.

Eye Contact : Not Cause Eye Irritation.

Ingestion : May Cause nausea.

Chronic Effects : NTP: Not Tested.

#### 2.2. Label elements

- Labelling according to Regulation: Not applicable.

- Hazard pictograms : Not applicable.

- Signal word: Not applicable.

- Hazard-determining components of labelling: Not applicable.

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- Hazard statements : Not applicable.
- Precautionary statements : Not applicable.
- Physical Hazard : Not classified as hazardous substance
- Health Hazard : Not classified as hazardous substance
- Environmental Hazard : Not classified as hazardous substance
- Additional information:  
After contact-with eyes or skin: Rinse the affected eyes or skin with of water.

## 2.3. Other information

No information available

**SECTION 3: Composition/information on ingredients**

## 3.1 Mixtures

	Ingredients	CAS No.	Composition(in % by weight)								
			1(WH) (#101)	2 (#4)	3 (#6)	4 (#18)	5 (#23)	6 (#31)	7 (#38)	8 (#42)	9 (#47)
1	Hydroxy Ethylcellulose	9004-62-0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2	Dithio-2,2'-bis (benzmenthylamide)	2527-58-4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	Propylene Glycol	57-55-6	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
4	Dispersing agent N	9084-06-4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
5	Calcium Carbonate	00471-34-1	13.7	14.2	12.4	12.7	13.22	14.2	14.2	13.2	12.94
6	Water	7732-15-5	45.8	41.48	40.77	39.71	41.96	45.6	46.25	41.7	40.93
7	Acylate Copolymer	25067-01-0 7732-15-5	15.0	26.0	24.7	25.3	26.44	29.0	28.4	26.3	25.9
8	Titanium Dioxide	13463-67-7	18.3	9.2	12.36	14.7	7.7	0.3	2.13	10.95	12.94
9	Brown Pigment	1309-37-1									
10	Red Pigment	2786-76-7									
11	Red Pigment	15782-05-5		1.92							
12	Ocher Pigment	51274-00-1			0.82	0.19	1.54				
13	Orange Pigment	6505-28-8					0.25				
14	Pink Pigment	81-88-9									
15	Violet Pigment	6358-30-1									
16	Black Pigment	1333-86-4							0.28	0.02	0.06
17	Yellow Pigment	6486-23-3			1.65	0.2	0.22			0.43	
18	Yellow Pigment	6358-37-8			0.1		1.47				
19	Green Pigment	1328-53-6						3.7	1.42		
20	Blue Pigment	147-14-8							0.12	0.2	0.03
21	FL. Pink Pigment	3068-39-1									
22	FL. Yellow Pigment	6358-69-6									
23	FL. Blue Pigment	3844-45-9									
24	SUM		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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	Ingredients	CAS No.	Composition(in % by weight)								
			10 (#48)	11 (#50)	12 (#53)	13 (#59)	14 (#65)	15(BL) (#100)	16(AM) (#131)	17 (#2)	18 (#3)
1	Hydroxy Ethylcellulose	9004-62-0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2	Dithio-2,2'-bis (benzmenthylamide)	2527-58-4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	Propylene Glycol	57-55-6	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
4	Dispersing agent N	9084-06-4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
5	Calcium Carbonate	00471-34-1	13.4	13.9	14.15	13.2	12.5	13.7	11.3	15.0	14.0
6	Water	7732-15-5	42.77	44.6	45.4	47.24	48.42	43.6	48.86	41.17	41.3
7	Acylate Copolymer	25067-01-0 7732-15-5	26.9	27.8	28.3	26.5	26.8	27.3	25.3	25.0	26.3
8	Titanium Dioxide	13463-67-7	8.96	4.64	2.36	2.1	2.95			10.2	9.8
9	Brown Pigment	1309-37-1									
10	Red Pigment	2786-76-7									1.3
11	Red Pigment	15782-05-5				3.15				1.3	
12	Ocher Pigment	51274-00-1									
13	Orange Pigment	6505-28-8									
14	Pink Pigment	81-88-9									
15	Violet Pigment	6358-30-1			0.24	0.61	1.95				
16	Black Pigment	1333-86-4	0.27		0.94			8.2		0.13	0.1
17	Yellow Pigment	6486-23-3									
18	Yellow Pigment	6358-37-8									
19	Green Pigment	1328-53-6									
20	Blue Pigment	147-14-8	0.5	1.86	1.41		0.18				
21	FL. Pink Pigment	3068-39-1									
22	FL. Yellow Pigment	6358-69-6							2.13		
23	FL. Blue Pigment	3844-45-9							5.21		
24	SUM		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

**SECTION 4: First aid measures****4.1 Description of first aid measures**

- After Skin contact : Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

- After eye contact : Rinse opened eye for several minutes under running water.

If symptoms persist, consult a doctor.

**4.2 Most important symptoms and effects, both acute and delayed** No: further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

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**SECTION 5: Fire-fighting measures**

5.1 Extinguishing media: Water, carbon dioxide or chemical foam

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture : No further relevant information available.

5.3 Advice for fire fighters

- Protective equipment: Wear fully protective suit.  
Mouth respiratory protective device.

**SECTION 6: Accidental release measures**

6.1 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.

Avoid contact with skin.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 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

6.4. Reference to other sections

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for information on disposal

**SECTION 7: Handling and storage**

7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Ensure good ventilation/ exhaustion at the workplace.

Prevent formation of aerosols.

Avoid contact with eyes and skin.

- Information about fire- and explosion protection:

Keep ignition sources away- Do not smoke.

Normal measures for preventive fire protection.

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**7.2 Conditions for safe storage, including any incompatibilities**

- 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 flammable substances.
  - Do not store together with oxidising and acidic materials.
- Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure Controls/personal protection****8.1 Control parameters**

- DNELs: Data not available.
- PNECs: Data not available.

**8.2 Exposure controls**

Based on the compositions show in Section3, the following measures are suggested for occupational safety measure.

- Exposition Limit Values: Not available.
- Measurement methods: Not available.
- Exposure Controls
- Technical measures: Not necessary, no exposition expected.
- Personal protective equipment
- Body protection: Commonly special body protection not necessary, regular work clothing sufficient.
- Respiratory protection: Commonly respiratory protection not necessary.
- Eye protection: Commonly eye protection not necessary, eye contacts should be avoided.
- Hand protection: Protection gloves are not required commonly, on permanent skin contact gloves for low mechanic and substantial stress are enough.
- Skin protection: Skin protection products are not as effective as protection gloves, so suitable protection gloves should be preferred if possible. If protection gloves can not be worn apply water insoluble skin protection substances to clean skin before start of work and after each break and thoroughly embrocate. Before break and at end of work skin cleaning with water and soap is necessary. After cleaning fatty skin care products should be applied.
- General safety and hygiene measures: On using do not eat, drink or smoke. Avoid aspiration of dust. Change contaminated clothes and don't reuset until cleaned.

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**SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

- General Information
- Appearance:
  - Form: paste
  - Colour : 18 colour
- Odour: Odourless to mild
- Odour threshold : No data available.

- pH-value : 8.0~9.0

- Melting Point : No data available.
- Flash point : No data available.
- Boiling point : No data available.

- Flammability(solid, gas): Not applicable
- Self ignition temperature: Data not available.
- Explosion limits : No data available.

- Density : No data available.
- Relative density : No data available.
- Vapour density : No data available.

- Solubility in /miscibility with
  - Water : soluble in water.
- Viscosity : 3000~6000cp
- Dynamic : Not applicable.

## 9.2 Other Information : No further relevant information available.

**SECTION 10: Stability and reactivity**

- 10.1 Reactivity : No decomposition if used according to specifications.
- 10.2 Chemical Stability : Stable
- 10.3 Possibility of hazardous reactions : No dangerous reactions known.
- 10.4 Conditions to avoid : Not data available.
- 10.5 Incompatible materials : Not data available.
- 10.6 Hazardous decomposition products : Not data available.

**SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

- Acute toxicity Based on available data, the classification criteria are not met.
- Skin corrosion/ irritation Based on available data, the classification criteria are not met.
- Serious eye damage/ irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT- single exposure Based on available data, the classification criteria are not met.
- STOT- repeated exposure Based on available data, the classification criteria are not met.

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**SECTION 12: Ecological information**

## 12.1 Toxicity

- Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability : No further relevant information available.

12.3 Bioaccumulative potential : No further relevant information available.

12.4 Mobility in soil : No further relevant information available.

12.5 Other adverse effects : The waste do not pour into the water will pollute the water.

**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

- Recommendation: Smaller quantities can be disposed of with household waste.
- Uncleaned packaging
- Recommendation: Disposal must be made according to official regulations.

**SECTION 14: Transport information**

## 14.1 UN-Number

- ADR/RID/AND,IMDG,IATA : Not applicable.

## 14.2 UN proper shipping name

- ADR/RID/AND,IMDG,IATA : Not applicable.

## 14.3 Transport hazard class

- ADR/RID/AND,IMDG,IATA

- Class : Not applicable.

## 14.4 Packing group

- ADR/RID/AND,IMDG,IATA : Not applicable.

14.5 Environmental hazards : Not applicable.

14.6 Special precautions for user : Not applicable.

14.7 Transport in bulk according to Marpol and the IBC Code : Not applicable.

14.8 Transport/ Additional information: Not dangerous according to the above specifications

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**SECTION 15: Regulatory information**

15.1 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.
EINECS/ELINCS	Contact supplier for inventory compliance status.
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.

Legend

TSCA	-United States Toxic Substances Control Act Section 8(b) Inventory.
DSL/NDSL	-Canadian Domestic Substances List/Non-Domestic Substances List.
EINECS	-European Inventory of Existing Chemical Substances/European.
ELINCS	-List of Notified Chemical Substances.
ENCS	- Japan Existing and New Chemical Substances.
KECL	- Korean Existing and Evaluated Chemical Substances.
PICCS	-Philippines Inventory of Chemical and Chemical Substances.
AICS	-Australian Inventory of Chemical Substances.

SARA311/312 Hazard Categories

See Section 2 for more information.

CWA(Clean Water Act)

This product does not contain any Substances regulated as pollutants pursuant to the Clean Water Act(40CFR 122.21 and 40CFR122.42)



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**CERCLA**

This material does not contain any components with the Comprehensive Environmental Response Compensation and Liability Act(CERCLA)(40CFR 302)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemical.

**U.S. State Right-to-Know Regulations**

This product does not contain Substances regulated by state right-to know regulations.

**SECTION 16: Other information****NFPA**

Health hazards	Flammability	Instability	Physical and Chemical Properties
0	0	0	—

**HMIS**

Health hazards	Flammability	Physical hazards	Personal Protection
0	0	0	x

**Prepared By :** LION PENCIL CO.,LTD

Taiwan, R.O.C

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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.