

# ***Safety Data Sheet***

According to EC 1907/2006

Version 4.3GHS

## ***EVERSORB 90***

6th Fl., 77 Sec. 2, Tun Hua S. Rd., Taipei, Taiwan.  
TEL: 886-2-27066006 FAX: 886-2-27081254

## Safety Data Sheet

According to EC 1907/2006

Version: 4.3GHS

Date / revised: 2018/6/27

Product: **EVERSORB 90**

### HMIS Hazard Ratings:

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

## 1. Manufacturer/ Subsidiary

Manufacturer: Everlight Chemical Industrial Corp.

Address: 6th Fl., 77 Sec. 2, Tun Hua S. Rd., Taipei, Taiwan.

Tel: 886-2-27066006

FAX: 886-2-27081254

### Emergency information:

Tel: 886-3-4837682

## 2. Hazard(s) identification

### Classification

Eye irritation, Category 1

Acute aquatic toxicity, Category 1

Chronic aquatic toxicity, Category 2

### Label element



### Symbol:

Signal word: **Danger**

### Hazard statement:

Causes serious eye damage.

Very toxic to aquatic organisms.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

### Precautionary statements:

Do not breathe dust.

Avoid contact with eyes.

Wear suitable protective clothing and gloves.

Avoid release to the environment. Refer to special instructions/Safety data sheets.

## 3. Composition / Information on ingredients

CAS NO	Product name	Content
52829-07-9	Bis(2,2,6,6-tetramethyl-4-piperidyl)-sebacate	100%

#### **4. First aid measures**

**General advice:**

Move victim from the contaminated workplace to ventilated place. Call the hospital for medical assistance, and provide emergency treatment.

**Inhaled:**

Remove victim to fresh air. If case of irritation of respiratory system or mucous membranes, in case of indisposition or prolonged exposure, seek medical attention.

**Skin contact:**

Remove contaminated clothing and shoes. Wash with soap and water.

**Contact with eyes:**

Immediately flush eyes with water for at least 15 minutes. In case of eye irritation, seek medical attention.

**Ingestion:**

Immediately induce vomiting. Never give fluids or induce vomiting, if the victim is unconscious or having convulsions. Get immediately medical attention.

**Note to physician:**

None.

#### **5. Fire fighting measures:**

**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Suitable extinguishing media:**

Water fog, Foam, Dry chemical powder.

**Unsuitable extinguishing media for safety reasons:** High-pressure water jet.

**The following can be given off in a fire:**

The CO, CO<sub>2</sub>, NO<sub>x</sub> can be given off.

**Special protective equipment:**

Good firefighting practice dictates the use of self-contained breathing apparatus and turnout gear.

**Further information:**

Contaminated extinguishing water must be disposed of in accordance with local regulations.

#### **6. Accidental release measures:**

**Personal precautions:**

1. Removal of ignition sources.
2. Provision for sufficient ventilation.
3. Respiratory protection.
4. Prevention of skin and eye contact.

**Further information:**

**Environmental precautions:**

1. Keep away from drains, surface and groundwater and soil.
2. To alert the neighborhood.

**Methods for cleaning up:**

Take up mechanically and place in suitable, close container for disposal, avoiding formation of dust.

## 7. Handling and storage

**Handling:**

Use safety glasses and gloves, and coveralls as necessary when using it, to prevent skin contact.

**Storage:**

The substances in our product are very stable, please put it in the ventilate place. Keep away from food and drink.

## 8. Exposure controls and personal protection

**Additional information on the lay-out of technical plant** (see section 7)

**Personal protective equipment**

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory protective equipment.

**Hand protection:** Protective gloves.

**Eye protection:** Goggles.

**Body protection:** Closed working clothing as necessary to prevent skin contact.

**General safety and hygiene measures:**

The usual precautions for the handling of chemicals must be observed.

## 9. Physical and chemical properties:

<b>Physical Form:</b>	Powder
<b>Colour:</b>	White
<b>Odour:</b>	None
<b>Melting:</b>	81-86°C.
<b>Boiling point/boiling range</b>	N.A.
<b>Flash Point:</b>	>150°C
<b>Explosion hazard:</b>	(see section 10)
<b>Bulk density:</b>	N.A. kg/m <sup>3</sup>

Ignition temperature :	330°C
Vapor pressure:	1.0E-8Pa at 20°C
Specific gravity :	1.05
Relative Density:	N.A. kg/m <sup>3</sup>
Solubility in water:	Insoluble
pH value:	N.A.

### 10. Stability and reactivity

<b>Chemical Stability:</b>	Stable under normal temperatures and pressures.
<b>Conditions to avoid:</b>	Heat, static discharge
<b>Substances to avoid:</b>	Strong acid, strong bases and strong oxidizing agents, Moisture.
<b>Hazardous reactions:</b>	No.
<b>Hazardous decomposition products:</b>	If involved in a fire, CO,CO <sub>2</sub> , NO <sub>x</sub> , maybe liberated.

### 11. Toxicological information

#### Acute toxicity

<b>LD50/oral/rat:</b>	>5000 mg/kg
<b>Skin irritation (tested on rabbits):</b>	Non-irritation
<b>Eye irritation (tested on rabbits):</b>	irritation
<b>Acute skin sensitization (tested on Guinea pig)</b>	Non-sensitization

### 12. Ecological information

#### Toxicity to fish:

<b>LC50:</b> zebra fish (96 hrs)	13 mg/L
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### 13. Disposal considerations:

#### Product:

Incinerate or bury in a licensed facility .Do not discharge into waterways or sewer systems without proper authority.

#### Contaminated packaging:

Dispose it in a licensed facility. Recommend crushing or other means to prevent non-authorized reuse.

### 14. Transport information:

**Flash point** >150°C

**ADR/RID :** Class : 9  
Packaging group : III  
UN No. : 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
SOLID,N.O.S.( contains Bis(2,2,6.6-tetramethyl-4-piperidyl)-sebacate)

**IMDG/IMO :** Class : 9  
Packaging group : III  
UN No. : 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
SOLID,N.O.S.( contains Bis(2,2,6.6-tetramethyl-4-piperidyl)-sebacate)

**IATA/ICAO :** Class : 9  
Packaging group : III  
UN No. : 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
SOLID,N.O.S.( contains Bis(2,2,6.6-tetramethyl-4-piperidyl)-sebacate)

### 15.Regulatory informations:

#### U.S. REGULATIONS:

TSCA INVENTORY STATUS:	Listed
TSCA 12(b) EXPORT NOTIFICATION:	Not listed
CERCLA SECTION 103 (40CFR302.4):	Not Reportable
SARA SECTION 302 (40CFR355.30):	Not Reportable
SARA SECTION 304 (40CFR355.40):	Not Reportable
SECTIONS 311/312 (40CFR370.21):	Not Reportable
SARA SECTION 313 (40CFR372.65):	Not Reportable
OSHA PROCESS SAFETY (29CFR1910.119):	Not Reportable
STATE REGULATIONS:	
California Proposition 65:	Not Reportable

#### EUROPEAN REGULATIONS:

EC NUMBER:	Listed
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#### AUSTRALIA REGULATIONS

Listed on the Australian Inventory of Chemical Substances (AICS)

#### CANADA REGULATIONS :

Listed on the Canadian Domestic Substances List (DSL)

#### CHINA REGULATIONS :

Listed on the IECSC

**JAPAN REGULATIONS:**

Listed on the Japanese Existing and New Chemical Substances (ENCS)

**KOREA REGULATIONS:**

Listed on the Korean Existing Chemicals List (ECL)

**PHILIPPINES REGULATIONS:**

Listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS)

**NEW ZEALAND REGULATIONS:**

Listed on the NZIoC

**TAIWAN REGULATIONS**

Listed on Taiwan National Existing Chemical Substance Inventory (NECSI)

**16. Other information:**

EC Risk and safety phrases:

H318: Causes serious eye damage.

H400: Very Toxic to aquatic life

H411: Toxic to aquatic life with long lasting effects.

S22 Do not breathe dust.

S25 Avoid contact with eyes.

S36/37 Wear suitable protective clothing and gloves.

S61 Avoid release to the environment .Refer to special instructions/Safety data sheets.

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The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any guarantee with regard to the product's properties.