

Safety Data Sheet

According to EC 1907/2006

Version 4.2GHS

EVERSORB 81

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: 4.2 GHS

Date / revised: 2017/12/18

Product: **EVERSORB 81**

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

Flammable liquids , Category 4

Chronic aquatic toxicity, Category 2

Label element

Symbol: GHS09: environment



Signal word: Warning

Hazard statement:

Combustible liquids

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

Precautionary statements:

Wear suitable protective gloves.

Avoid release to the environment. Refer to special instructions/safety data sheet.

3. Composition / Information on ingredients

CAS NO	Product name	Content
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127519-17-9	Benzenepropanoic acid,3-(2H-benzotriazol -2-yl)-5-(1,1-di-methylethyl)-4-hydroxy-,C7-9 - branched and linear alkyl esters	>=94%
108-65-6	1-methoxy-2-propyl acetate	<=6%

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 immediately. Get medical aid immediately.

Skin contact:

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

Contact with eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid immediately.

Ingestion:

Wash out mouth with water and then drink plenty of water.

Ingestion:

Treat symptomatically and supportively.

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, CO₂, NO_x 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 with absorbent, inert material (e.g. sand) and place in suitable and close container for disposal.

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)

Control parameters:

DNEL / PNEC: Eversorb 82-2 (EC: 407-000-3; CAS: 127519-17-9)

Inhalation – Long term – Systemic effect – Workers – DNEL: 7 mg/ m³

Dermal – Long term – Systemic effect – Workers – DNEL: 0.83 mg/kg bw/day

Inhalation – Long term – Systemic effect – Consumer – DNEL: 3.5 mg/ m³

Dermal – Long term – Systemic effect – Consumer – DNEL: 0.42 mg/kg bw/day

Oral – Long term – Systemic effect – Consumer – DNEL: 0.42 mg/kg bw/day

Fresh water – PNEC: 0.03 mg/L

Sediment – Fresh water – PNEC: 364.8 mg/kg sediment dw

Marine water – PNEC: 0.003 mg/L

Sediment – Marine water – PNEC: 26.5 mg/kg sediment dw

Sewage treatment plant – PNEC: 10 mg/L

Soil – PNEC: 53 mg/kg soil dw

1-methoxy-2-propyl acetate (CE: 203-603-9; CAS: 108-65-6)

50 VLA-ED : 275 ppm

100 VLA-EC : 550 ppm

Via demic VLI : H226

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:

- Physical Form:** Liquid
- Colour:** Yellow
- Odour:** None
- Melting:** <-25°C
- Boiling point/boiling range** >400°C
- Flash Point:** 75°C
- Explosion hazard:** (see section 10)
- Ignition temperature:** >400°C
- Vapor pressure:** 1.0E-4Pa at 20°C
- Specific gravity:** N.A.
- Density:** 1.07 g/cm³ at 20 °C
- Solubility in water:** <0.1% At 20°C
- pH value:** No Data

10. Stability and reactivity

- Chemical Stability:** Stable under normal temperatures and pressures.
- Conditions to avoid:** Heat, static discharge
- Substances to avoid:** Strong acid, strong bases and strong oxidizing agents, Moisture.
- Hazardous reactions:** No.
- Hazardous decomposition products:** If involved in a fire, CO,CO₂, NO_x, maybe liberated.

11. Toxicological information

Acute toxicity

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

12. Ecological information

Toxicity to fish:

LC50: zebra fish (96 hrs) >9.9 mg/l

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: 75°C

ADR/RID : Class : 9

Packaging group : III

UN No. : 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S.

Additional information : BENZOTRIAZOLE DERIVATIVE MIXTURE

IMDG/IMO : Class : 9

Packaging group : III

UN No. : 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S.

Additional information : BENZOTRIAZOLE DERIVATIVE MIXTURE

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UN No. : 3082

Proper shipping name : ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S.

Additional information : BENZOTRIAZOLE DERIVATIVE MIXTURE

15. Regulatory informations:

U.S. REGULATIONS:

TSCA INVENTORY STATUS: Listed

TSCA 12(b) EXPORT NOTIFICATION: Not listed

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- 5-

version 4.2GHS

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:

R10 Flammable

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in aquatic environment.

S36/37 Wear suitable protective clothing and gloves.

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- 6-

version 4.2GHS

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

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.