

# ***Safety Data Sheet***

According to EC 1907/2006

Version 4.1GHS

## ***EVERSORB 83***

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: 4.1GHS

Date / revised: 2013/2/1

Product: **EVERSORB 83****HMIS Hazard Ratings:**

Health	2
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**

Skin sensitization, Category 1

**Chronic** aquatic toxicity, Category 2**Label element****Symbol:** GHS07: exclamation mark + GHS09: environment**Signal word:** Warning**Hazard statement:**

May cause sensitization by skin contact.

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

**Precautionary statements:**

Avoid contact with skin.

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
104810-48-2	Hydroxyphenyl-benzotriazole derivatives	50-70%
+		
104810-47-1		
+		
25322-68-3		30-50%
41556-26-7	1,2,2,6,6-Pentamethyl-4-piperidyl sebacate derivatives	
+		
82919-37-7		

### 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, 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 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)

**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:	N.A
Boiling point/boiling range	>350°C
Flash Point:	>110°C
Explosion hazard:	(see section 10)
Ignition temperature:	>380°C
Vapor pressure:	1.0E-4Pa at 20°C
Specific gravity:	N.A.
Density:	1.10 kg/m <sup>3</sup> at 20 °C
Solubility in water:	Not miscible with water At 20°C
pH value:	7.0(1% suspension in water at 20 °C)

**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,CO <sub>2</sub> , NO <sub>x</sub> , 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)	Sensitization

**12. Ecological information****Toxicity to fish:**

LC50: zebra fish (96 hrs)	1.8 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:** >110°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

**IATA/ICAO :** Class : 9

Packaging group : III

UN No. : 3082

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

Additional information : BENZOTRIAZOLE DERIVATIVE MIXTURE

**15. Regulatory information:****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

**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:

R43 May cause sensitization by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S24 Avoid contact with skin.

S36/37 Wear suitable protective clothing and gloves.

S60 This material and its container must be disposed of as hazardous waste.

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.