



MATERIAL SAFETY DATA SHEET

EVERSORB 93

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: Eversorb 93
Supplier: Castle Chemicals Ltd, Peak House
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2. HAZARD IDENTIFICATION

Possible Hazards: R43 May cause sensitization by skin contact.
R50/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

3. COMPOSITION INFORMATION ON INGREDIENTS

CAS NO.	Product name	Content	Symbol(s)	R-Phrase(s)
(1)82919-37-7	Decanedioic acid,(1,2,2,6,6-pentamethyl-4-piperidinyl) methyl ester	20-30%	Xi,N	R43-R50/53
(2)41556-26-7	Decanedioic acid,bis(1,2,2,6,6-pentamethyl-4-piperidinyl)ester	70-80%	Xi,N	R43-R50/53

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.

If 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.

On skin contact: Wash with plenty of soap and water. Do not use organic solvent.

On 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. FIREFIGHTING MEASURES

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 fire fighting practice dictates the use of self-contained breathing apparatus and turnout gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Removal of ignition sources.
Provision for sufficient ventilation.
Respiratory protection.
Prevention of skin and eye contact.
Environmental precautions: Keep away from drains, surface and groundwater and soil.
To alert the neighbourhood.
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 chemical safety goggle, dust respirator, gloves, helmet, boots, 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/PERSONAL PROTECTION

Additional information on the lay-out of technical plant
Exposure limit: Not Determined.
Personal protective equipment
Respiratory protection: Use an approved respirator for organic vapors.
Hand protection: Rubber gloved.
Eye protection: Chemical safety goggles.
Body protection: Coveralls, apron, boots as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Slightly Yellow
Odour: None
Melting point/Freezing range: N.A.
Boiling point/boiling range: >350°C

Flash point:	117°C
Combustibility:	Not tested
Explosion limits:	not explosive
Ignition temperature:	380 °C
Fire promoting properties:	None
Vapor pressure:	10-4Pa At 20 °C
Specific gravity:	N.A.
Density:	0.99 At 20 °C
Solubility in water:	Insoluble
pH value:	8.4(1% suspension in water at 20 °C)

10. STABILITY AND REACTIVITY

Conditions to avoid:	Heat, static discharge.
Substances to avoid:	Strong acid, strong bases and strong oxidizing agents, Moisture.
Hazardous reactions:	No.
Hazardous decomp. products:	If involved in a fire, CO,CO2, NOx, maybe liberated.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	
LD50/oral/rat:	>2000 mg/kg
LC50/inhal/rat:	N.A. mg/l 96 hr
Skin irritation(tested on rabbits):	Slight
Eye irritation(tested on rabbits):	Slight

12. ECOLOGICAL INFORMATION

LC50 in zebra fish(96 hrs):	0.97 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:	117°C
DOT Class:	Not regulated for this mode of transport
IMO Class:	Not regulated for this mode of transport
ICAO Class:	Not regulated for this mode of transport

15. REGULATORY INFORMATION

U.S. REGULATIONS:

Listed on the Toxic Substances Control Act (TSCA)
TSCA 12(b) EXPORT NOTIFICATION: Not listed.

CERCLA SECTION 103 (40CFR302.4): N
SARA SECTION 302 (40CFR355.30): N
SARA SECTION 304 (40CFR355.40): N
SARA SECTION 313 (40CFR372.65): N
SARA HAZARD CATEGORIES, SARA
SECTIONS 311/312 (40CFR370.21): N
OSHA PROCESS SAFETY
(29CFR1910.119): N
STATE REGULATIONS:
California Proposition 65: N

EUROPEAN REGULATIONS:

EC NUMBER (EINECS): 280-060-4 , 255-437-1
EC Symbol: Xi= Irritant N = Dangerous for the environment
EC Risk and safety phrases: R43 May cause sensitization by skin contact.
R50/53 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.

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)

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations. 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.

MSDS DOCUMENT NO: Eversorb 93

ISSUE: 1

ISSUE DATE: 31.8.2011