

1. Product and Company Identification

www.rxmarine.com

Product Name Stearic Acid
Product Type RXSOL-81-8120-025

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone +91 22 65113333 / 5555 / 9999
Fax +91 22 2781 1318 ::::AOH :0091 9821214367
Email mail@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Name	CAS#	% by Weight
Stearic Acid	57-11-4	100

3. Hazards Identification

www.rxmarine.com

eye contact	irritant
skin contact	irritant
teratogenic effect	If inhaled, remove to fresh air. If not breathing, give oxygen. Get medical attention.
developmental toxicity	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

4. First Aid Measures

www.rxmarine.com

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Serious Skin Contact	Not available.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Serious Inhalation	Not available.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Serious Ingestion	Not available.

5. Fire-fighting Measures

www.rxmarine.com

6. Accidental Release Measures www.rxmarine.com

7. Handling and Storage www.rxmarine.com

8. Exposure controls and personal protection www.rxmarine.com

9. Physical and chemical properties www.rxmarine.com

Physical state and appearance	Solid. (Crystalline solid. Powdered solid.)
Odor	Tallow-like (Slight.)
Taste	Not available
Molecular Weight	284.48 g/mole
Color	White to yellowish
pH (1% soln/water)	Not applicable

Boiling Point	Decomposition temperature: 350°C (662°F)
Melting Point	69.4 (156.9°F)
Critical Temperature	Not available
Specific Gravity	0.9408 (Water = 1)
Vapor Pressure	Not applicable
Vapor Density	9.8(Air = 1)
Volatility	Not available
Odor Threshold	20 ppm
Water/Oil Dist. Coeff	The product is more soluble in oil; log(oil/water) = 8.2
Ionicity (in Water)	Not available
Dispersion Properties	See solubility in water, diethyl ether, acetone.
Solubility	Easily soluble in diethyl ether. Soluble in acetone. Insoluble in cold water, hot water. Slightly soluble in Ethanol, carbon disulfide, carbon tetrachloride, amyl acetate, toluene. 1 gram dissolves in 21 ml alcohol, 5 ml benzene, 2 ml carbon tetrachloride, 3.4 ml carbon disulfide.

10. Stability and reactivity

www.rxmarine.com

Stability	
Instability Temperature	Not available.
Conditions of Instability	Heat, incompatible materials, dust generation, ignition sources
Incompatibility with various substances	Reactive with oxidizing agents, alkalis.
Corrosivity	Non-corrosive in presence of glass.
Special Remarks on Reactivity	Not available.
Special Remarks on Corrosivity	Not available.
Polymerization	Will not occur.

11. Toxicological information

www.rxmarine.com

Routes of Entry	Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 4640 mg/kg [Rat]. Acute dermal toxicity (LD50): 1000 mg/kg [Rat].
Chronic Effects on Humans	Not available
Other Toxic Effects on Humans	Slightly hazardous in case of skin contact (irritant)
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans:	May cause cancer based on animal test data
Special Remarks on other Toxic Effects on Humans:	Acute Potential Health Effects: May cause skin irritation. Symptoms may include coughing, sore throat, cause irritation to the gastrointestinal tract. Ingestion may cause irritation to the gastrointestinal tract.

12. Ecological information

www.rxmarine.com

Ecotoxicity	Not available
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products may arise.
Toxicity of the Products of Biodegradation	The product itself and its products of degradation
Special Remarks on the Products of Biodegradation	Not available.

13. Disposal considerations

www.rxmarine.com

Waste Disposal

Waste must be disposed of in accordance with federal, state and local regulations.

14. Transport information

www.rxmarine.com

Identification

Not applicable.

Special Provisions for Transport

Not applicable.

15. Regulatory information

www.rxmarine.com

Federal and State Regulations

TSCA 8(b) inventory: Stearic acid

Other Regulation:

EINECS

This product is on the European Inventory of Existing Substances.

Other Classifications:

WHMIS (Canada)

Not controlled under WHMIS (Canada).

DSCL (EEC)

This product is not classified according to the EU Directive 67/548/EEC.

HMIS (U.S.A.)

Health Hazard

1

Fire Hazard

1

Reactivity

0

Personal Protection

E

National Fire Protection Association (U.S.A.):

Health

1

Flammability

1

Reactivity

0

Specific hazard:

Protective Equipment

Gloves. Lab coat. Dust respirator. Be sure to use appropriate eye protection and safety glasses.

16. Other information

www.rxmarine.com

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ScienceLab.com has been advised of the possibility of such damages.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.