

1. Product and Company Identification

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Product Name Sodium Sulfate, Anhydrous
Product Type RXSOL-60-6228-500

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Barka Muscat

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2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Sodium Sulfate Anhydrous 10 - 60 Mesh	CAS# 7757-82-6	100%	W/W	TXDS: orl-musLD $\frac{1}{2}$ $\frac{1}{2}$ 5989mg/Kg

3. Hazards Identification

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Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

Inhalation:Not expected to be a health hazard.

Ingestion:Mildly toxic by ingestion. Slowly absorbed from the alimentary tract. Because of osmotic activity, it will draw water into the lumen of the bowel and may cause purging, fluid loss, blood in stools,fall of blood pressure, and high sodium levels in the blood.

Skin:No adverse effects expected.

Eye Contact:No adverse effects expected but dust may cause mechanical irritation.

Chronic Exposure:No information found.

Aggravated by Exposure:No information found

4. First Aid Measures

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Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally.Seek Medical Aid.

INHALATION:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION:

Give several glasses of water. Vomiting may occur, but it is not necessary to induce

5. Fire-fighting Measures

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Fire Extinguisher Type:

Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazard:

None Known.

Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing to protect skin and clothing.

6. Accidental Release Measures

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Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

7. Handling and Storage

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Store in a tightly closed container. Keep from contact with oxidizing materials.

8. Exposure controls and personal protection

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Respiratory Protection

NIOSH/MSHA-approved respirator

Ventilation

Local

OTHER

Mechanical

Protective Gloves

Wear appropriate gloves to prevent skin exposure

EYE PROTECTION

Splash Goggles

Other Protective Equipment

Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

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BOILING POINT

884°C (1623°F)

VAPOR PRESSURE

not available

MELTING POINT

information not available

VAPOR DENSITY

not available

EVAPORATION RATE

information not available

Appearance /Odors

Clear liquid, odorless

Flash Point

non-combustible

Specific Gravity

2.68

Acute Toxicity (LD50)

0

Evaporation Residue

No applicable

Auto Ignition Temp

No applicable

Lower Flamm. Limit in Air

No applicable

Upper Flamm. Limit in Air

No applicable

10. Stability and reactivity

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STABILITY

CONDITIONS TO AVOID Air, moisture, incompatibilities. odorless.

MATERIALS TO AVOID Strong acids,aluminum,magnesium

HAZARDOUS DECOMPOSITION PRODUCTS Oxides of sulfur.

HAZARDOUS POLYMERIZATION will not occur

Conditions to Avoid None known

11. Toxicological information

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Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- None

12. Ecological information

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Environmental Fate:When released into the soil, this material is expected to leach into ground water. This material is not expected to significantly bioaccumulate.

Environmental Toxicity:This material is not expected to be toxic to aquatic life. The LC50/96-hour values for fish are over 100 mg/l. The EC50/48-hour values for daphnia are over 100 mg/l..

13. Disposal considerations

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Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport information

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DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. Regulatory information

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Chemical Inventory Status

Part 1:Ingredient

Sodium Sulfate (7757-82-6)

TSCA Yes

EC Yes

Japan Yes

Australia Yes

Chemical Inventory Status

Part 2:Ingredient

Sodium Sulfate (7757-82-6)

Korea Yes

DSL Yes

NDSL No

Phil. Yes

Federal, State & International Regulations

Part 1: Ingredient.

Sodium Sulfate (7757-82-6)

RQ NO

TPQ NO
List NO
Chemical Catg No

Federal, State &
International Regulations ☐
Part 2:Ingredient
Sodium Sulfate (7757-82-6)
CERCLA NO
261.33 NO
8(d) No

Chemical Weapons Convention:No
TSCA 12 (b):No
CDTA:Yes (Pure/Liquid)
SARA 311/312: Acute: Yes
Chronic: Yes
Fire: Yes
Pressure: No
Reactivity: No

Australian Hazchem Code: 3x
Poison Schedule: S6

16. Other information

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WARNING!! This material emits toxic fumes under fire conditions.Effects of over exposure:may cause irritation to the eyes,skin and upper respiratory tract. Acute:HARMFUL!! If inhaled,ingested or absorbed through the skin.Chronic:none listed by the manufacturer. Target organs: upper respiratory tract,eyes and skin. Conditions aggravated/target organs. Persons with pre-existing conditions may

Flammability

Health

Reactivity

Revisions
7/28/2010

NFPA
0.1 updated msds to 16 section from 10 section msds. STN

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