

1. Product and Company Identification

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Product Name Sodium Isopropyl Xanthate
Part Number RXSOL-19-3350-025

Company Details:....

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Chemical Name	Cas No	Weight
Sodium Isopropyl Xanthate	140-93-2	90

3. Hazards Identification

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Signal Word	Danger
Hazard Statements	H251 Self-heating; may catch fire. H302 Harmful if swallowed. H315 Causes skin irritation. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	Prevention: P235+P410 Keep cool. Protect from sunlight.P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280 Wear protective gloves / protective clothing / eye protection / face protection.
Storage	Response: P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P330 Rinse mouth. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P321 Specific treatment (see First Aid Measures on Safety Data Sheet). P332+P313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P391 Collect spillage. P407 Maintain air gap between stacks/pallets. P420 Store away from other materials
Disposal	P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards	This substance/mixture contains no components considered to be either

persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

4. First Aid Measures

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Eye Contact	Flush with water or buffer solution for 15 minutes. Seek medical attention.
Swallowed	If patient is conscious, induce vomiting by sticking finger or spoon down the throat. If not breathing apply artificial respiration until oxygen resuscitator is available and seek urgent medical attention.
Skin Contact	Remove contaminated clothing. Thoroughly wash skin with water and soap. Wash clothing before reusing.
Inhalation	Move to fresh air. Keep comfortable and warm. Apply artificial respiration and external cardiac massage if necessary. Seek medical attention. Give oxygen if breathing laboured or patient turning blue.

5. Fire-fighting Measures

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Water should not be used in a confined space where toxic vapor can accumulate. In this situation, use dry chemical but beware of reignition.

Fire fighters should wear self contained apparatus and impervious clothing. Use large quantities of water and flush drains thoroughly.

6. Accidental Release Measures

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Dry Spill

Wear eye protection and gloves, dust mask if necessary. Collect in dry containers and seal to be reused if possible. Do not dilute with water.

Wet Spill

Self contained breathing apparatus should be used. Absorb on a 3-662 oil dry. Place in a Sealed Container. Xanthates may be recovered by leaching out with water, but if recovery is not possible bury in an approved landfill site, flush remaining spill away plenty of water.

7. Handling and Storage

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Dangerous substance for the purpose of transport. Refer to State Regulation for storage and transport requirements.

Store in well ventilated area away from foodstuffs, heat and moisture.

Part full packages must be kept closed.

Storage life-6 months. Do not cause sparks when opening drums

8. Exposure controls and personal protection

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Eye/face protection	Irritant dust. Possible infection and injury.
Skin protection	Toxic components can be absorbed through the skin
Inhalation	Deep and rapid breathing, drowsiness, loss of feeling.
Swallowed	Toxic

9. Physical and chemical properties

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Yellow powder or pellet. Readily soluble in water and alcohol. Insoluble in hydrocarbons and ether, reacts with water to produce toxic and flammable

10. Stability and reactivity

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Reactivity	Reacts with moisture liberating highly flammable carbon disulfide vapours
Chemical stability	No information available
Possibility of hazardous reactions	Reacts exothermically with water
Conditions to avoid	Avoid exposure to moisture. Avoid exposure to heat.
Incompatible materials	Incompatible with acids, oxidising agents, and moisture

11. Toxicological information

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XANTHATE	Dust irritates the eyes, nose, throat and lungs and oral toxin mildly irritates the skin. If swallowed carbon disulphide is released in the stomach due to the acid present there.
CARBON DISULPHIDE NERVOUS SYSTEM TOXIN	Severe acute effects on the CNS and mind. TLV 10 ppm (TWA)
	Local effects are skin or mucosal membrane irritation and burning, peripheral nerve degeneration. Chronic overexposure leads to cardiovascular disease.
HYDROGEN SULPHIDE	Deep rapid breathing.
Loss of consciousness	CNS (high) Respiratory paralysis
Irritating to respiratory tract.	Conjunctivitis and keratitis

12. Ecological information

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Ecotoxicity	Avoid contaminating waterways.
Aquatic toxicity	Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

13. Disposal considerations

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Disposal methods	Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammability.
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14. Transport information

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UN number	3342
Packaging group	III
HS CODE	29309020 Classified as a 4.2 (SELF HEATING SOLID).

15. Regulatory information

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Classification This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

Classification of the substance or mixture	Self-heating substances and mixtures - Category 1 Acute Oral Toxicity - Category 4 Skin Irritation - Category 2 Acute Aquatic Toxicity - Category 2 Chronic Aquatic Toxicity - Category 2
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Other Information

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