## 1. Product and Company Identifaction

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Product Name SODIUM THIOCYANATE LR

Part Number RXSOL-60-6605-582

Company Details:

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

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## 2. Composition / Information on ingredients

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Chemical Name CAS EC number Weight Formula

Sodium thiocyanate 540-72-7 208-754-4 400 °C

Flash Point No data available Evaporation Rate Not Applicable

Flammability (solid, gas) The product is not

flammable. - Flammability

(solids)

Explosive limits No Data Available Upper/lower flammability or No data available

explosive limits

Autoignition temperature 550 °C

Decomposition temperature No data available No data available Vapour pressure Density 1,76 g/cm3 at 20 °C Relative Density No data available No data available Relative vapor density No data available Freezing point Viscosity No data available No data available Partition coefficient Explosive properties No data available Solubility 1.000 g/l at 20 °C No information available. Ignition temperature Particle characteristics No data available

### 10. Stability and reactivity

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Reactivity No data available

Stability The product is chemically stable under standard ambient conditions (room

temperature).

Possibility of hazardous reactions

A risk of explosion and/or of toxic gas formation exists with the following substances: Strong oxidizing agents acids Generates dangerous gases or fumes in contact with: Acids Generates dangerous gases or fumes in

contact with: Acids

Conditions to avoid Avoid moisture. no information available

Incompatible materials No data available

Hazardous decomposition products

In the event of fire: see section 5

### 11. Toxicological information

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Acute toxicity

Skin corrosion/irritation

Serious eye damage/eye irritation Respiratory or skin sensitization

Toxic Effects on Human

Carcinogenicity

Germ cell mutagenicity

Reproductive toxicity

Specific target organ toxicity - single exposure Special Remarks on other Toxi Effects on Humans

Endocrine disrupting properties

LD50 Oral - Rat - 764 mg/kg Remarks: Behavioral:Convulsions or effect on seizure threshold. Lungs, Thorax, or Respiration:Dyspnea. LC50 Inhalation - 4 h - 1,5 mg/l - dust/mist LD50 Dermal - 1.100 mg/kg

Skin - In vitro study Result: No skin irritation - 5 min (OECD Test Guideline 439)

Remarks: No data available

In vivo assay - Mouse Result: Does not cause skin sensitization. (OECD Test Guideline 429)

May cause damage to the following organs: upper respiratory tract. Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation (lung irritant, lung sensitizer).

No data available

Test Type: Mouse Test system: lymphocyte Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 476 Result: negative

No data available

No data available

Acute Potential Health Effects: Skin: Causes skin irritation. May cause skin sensitization, an allergic reation, which becomes evident upon reexposure to this material. Eyes: Causes eye irritation. Ingestion: Causes gastrointestinal (digestive) tract irritation with nausea, vomiting, and diarrhea. May be harmful if swallowed. Inhalation: Causes respiratory tract irritation. May cause chemical pneumonitis and pulmonary edema, inflammation, edema of bronchi and larynx. Chronic Potential Health Effects: Repeated or prolonged skin exposure may cause allergic reactions in sensitive individuals. Repeated or prolonged exposure by inhalation may affect respiration and metabolism.

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Nausea, Headache, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

# 12. Ecological information

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Bioaccumulative potential Persistence and degradability

Toxicity to fish

Toxicity to daphnia and other aquatic invertebrates

Toxicity to algae

Toxicity to bacteria

Mobility in soil

No data available

Biodegradability Result: - Readily biodegradable.

LC50 - Oncorhynchus mykiss (rainbow trout) - 233 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 11 mg/l - 48 h

Flow-through test EC50 - Ceriodaphnia dubia (water flea) - 0.035 mg/l - 48 h (OECD Test Guideline 202)

Flow-through test NOEC - algae - 0.002 mg/l - 7 Days Remarks: (in analogy to similar products) (ECHA) The value is given in analogy to the following substances: sodium hypochlorite solution

Static test EC50 - activated sludge - 563 mg/l - 3 h (OECD Test Guideline 209) Remarks: (in analogy to similar products) The value is given in analogy to the following substances: sodium hypochlorite solution

No Information available

Results of PBT and vPvB assessment

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.

Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission

Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other adverse effects

No data available

### 13. Disposal considerations

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Disposal methods

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do

not discharge to sewer systems.

Dispose of as unused product. Contaminated packaging

Waste treatment Method No data available

## 14. Transport information

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ADR/RID: IMDG: IATA: UN number ADR/RID: IMDG: IATA: UN proper shipping name ADR/RID: IMDG: IATA: Transport hazard class(es) ADR/RID: IMDG: IATA: Packaging group

ADR/RID: NO IMDG: NO IATA: NO Environmental hazards

Further information Not classified as dangerous in the meaning of transport regulations.

## 15. Regulatory information

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Inventory status

Components are on the following inventories: Polymaleic acid: - US TSCA, Canadian DSL, EU EINECS, Australian AICS, Korean, Philippine PICCS and Chinese Xi irritant R 36/38 Irritant to eyes & skin R 41 Risk of serious damage to eyes S24/25 Avoid contact with skin and eyes S26/28 In case of contact eyes & skin, rinse with plenty water and seek medical advice Section 312/313: Not listed. Not listed under California proposition 65.

Safety, health and environmental regulations/legislation specific for the This material safety data sheet complies with the requirements of substance or mixture

Regulation (EC) No. 1907/2006.

National legislation

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : ACUTE TOXIC : ENVIRONMENTAL HAZARDS

Other regulations

Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

#### 16. Other information

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Other Information

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