1. Product and Company Identifaction

www.rxmarine.com

Product Name RXSOL-25-4038-025
Product Type Marine Growth Cleaner

Company Details:

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

Stock Point: Dubai, Muscat, Kenya, Uganda, Mumbai, Kandla, Vizag, Kolkata, Chennai

Phone +91 22 65113333 / 5555 / 9999

Fax +91 22 2781 1318 :::AOH :0091 9821214367

Email <u>mail@rxmarine.com</u>

2. Composition / Information on ingredients

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EIN.

205-

Components CAS-No. Percentage
Sodium Oleate 143-19-1 2-5

Lower explosion 2.6 %(V) / 12.6 %(V)

limit/Upper explosion

limit

Vapour pressure 17.50 mmHg @ 68.00 °F

Vapour density (>) 1 (AIR=1)

Density (+/- 0.01) 1.010 g/cm3 @ 68 °F / 20 °C

Solubility Water soluble

Partition coefficient: n- no data available

octanol/water

log Pow no data available Autoignition no data available

temperature

Viscosity, dynamic no data available Viscosity, kinematic no data available

10. Stability and reactivity

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Stability No hazards to be specially mentioned.

Conditions to avoid None known.

Incompatible products Strong oxidizing agents

Hazardous decomposition products carbon dioxide and carbon monoxide
Hazardous reactions Hazardous polymerisation does not occur.

11. Toxicological information

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Exposure routes Skin contact, Eye Contact, Ingestion

Eye contact May irritate eyes. Skin contact May irritate skin.

Ingestion Not known to be harmful if swallowed.

Inhalation Not known to be harmful if inhaled.

Aggravated Medical Condition Preexisting disorders of the following organs (or organ

systems) may be aggravated by exposure to this material:

lung (for example, asthma-like conditions)

Symptoms Signs and symptoms of exposure to this material through

> breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat,

airways)

Target Organs no data available

Component data Acute oral toxicity

no data available Sodium oleate

Acute inhalation toxicity

Sodium oleate no data available

Acute dermal toxicity

Sodium oleate no data available

12. Ecological information

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Product information 96 h LC 50 Oncorhynchus mykiss (rainbow trout) static test: 412.0 mg/l

> Information given is based on data on the components and the ecotoxicology of similar products. 96 h LC 50 Pimephales promelas (fathead minnow) static test: 65.9 mg/l 48 h LC 50 Daphnia magna (Water flea) static test: 116.6 mg/l Information given is

based on data on the components and the ecotoxicology of similar products.

Environmental fate and pathways

Biodegradation

Aquatic toxicity

BOD5 260,000 mg/l

Based on a similar product formulation.

COD 610,800 mg/l

Based on a similar product formulation.

Bioaccumulation The bioaccumulation potential cannot be determined.

13. Disposal considerations

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Waste disposal methods Dispose of in accordance with the European Directives on waste and hazardous waste.

Container hazardous when empty. Dispose of in accordance with local regulations.

Empty packaging Empty remaining contents.

European Waste Catalogue The Waste code should be assigned in discussion between the user and the waste

disposal company.

14. Transport information

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ADR Not dangerous goods **ADNR** Not dangerous goods RID Not dangerous goods INTERNATIONAL MARITIME Not dangerous goods

DANGEROUS GOODS

INTERNATIONAL AIR Not dangerous goods

TRANSPORT ASSOCIATION -

CARGO

INTERNATIONAL AIR Not dangerous goods

TRANSPORT ASSOCIATION -

PASSENGER

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. Regulatory information

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Product Use Description Hazard symbols

R-phrase(s) S-phrase(s) Contains professional use

16. Other information

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Full text of R-phrases referred to under sections 2 and 3

R36/38 Irritating to eyes and skin.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (+31 10 497 5000).

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