1. Product and Company Identifaction

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Product Name Sewage Defoamer FATOL
Part Number RXSOL-35-2066-2032

Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

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 Email
 mail@rxmarine.com

 Website
 www.rxmraine.comA

2. Composition / Information on ingredients

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Pure substance/mixture Mixture
Proprietory Modified Fatty Alcohols 100

3. Hazards Identification

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GHS Classification

Not a hazardous substance or mixture.

Precautionary Statements Prevention:

Wash hands thoroughly after handling.

Response:

Get medical advice/ attention if you feel unwell.

Storage:

Store in accordance with local regulations.

Other hazards None known.

4. First Aid Measures

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In case of eye contact Rinse with plenty of water. Get medical attention if symptoms occur.

In case of skin contact Wash off with soap and plenty of water. Get medical attention if

symptoms occur.

If swallowed Rinse mouth. Get medical attention if symptoms occur.

If inhaled Get medical attention if symptoms occur.

Protection of first-aiders In event of emergency assess the danger before taking action. Do not put

yourself at risk of injury. If in doubt, contact emergency responders.

Use personal protective equipment as required.

Notes to physician Treat symptomatically.

Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and

5. Fire-fighting Measures

products

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Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the urrounding environment.

Unsuitable extinguishing media None known.

Specific hazards during firefighting

Not flammable or combustible.

Hazardous combustion Decomposition products may include the following materials: Carbon

oxides

Special protective equipment for firefighters

Use personal protective equipment.

Specific extinguishing methods Fire residues and contaminated fire extinguishing water must be disposed

of in accordance with local regulations.

protective measures listed in sections 7 and 8.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Environmental precautions Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then collect with non-

Ensure clean-up is conducted by trained personnel only. Refer to

combustible absorbent material, (e.g. sand, earth, diatomaceous earth,

vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Do not flush into surface water or sanitary sewer system.

7. Handling and Storage

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Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

Incompatible materials Keep away from alkalis, strong oxidizing agents and metals. Provide containment walls of adequate capacity to hold any accidental spills.

Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For

precautions see section 2.2.

Precautions for safe handling Work under hood. Do not inhale substance/mixture. Avoid generation of

vapours/aerosols.

Storage conditions Keep container tightly closed in a dry and well-ventilated place. Keep

away from heat and sources of ignition.

Storage class Storage class (TRGS 510): 3: Flammable liquids

Apart from the uses mentioned in section 1.2 no other specific uses are

stipulated

Advice on general occupational hygiene Advice on safe handling Observe label precautions. Change contaminated

clothing. Wash hands after working with substance.

8. Exposure controls and personal protection

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Exposure controls

Specific end use(s)

Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Control parameters

Engineering Control

Eye/face protection

Body Protection Skin protection

Respiratory protection

Other Protection Measure

рH

Control of environmental exposure

Ingredients with workplace control parameters Contains no substances with occupational exposure limit values.

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

Flame retardant antistatic protective clothing.

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Full contact Material: Fluorinated rubber Minimum layer thickness: 0,7 mm Break through time: 480 min Material tested:Vitoject® (KCL 890 / Aldrich Z677698, Size M) Splash contact Material: Nitrile rubber Minimum layer thickness: 0,4 mm Break through time: 30 min Material tested:Camatril® (KCL 730 / Aldrich Z677442, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, email sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the EC approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Required when vapours/aerosols are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system. Recommended Filter type: Filter type ABEK The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Handle in accordance with good industrial hygiene and safety practice.

Do not let product enter drains. Risk of explosion.

No data available

9. Physical and chemical properties

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Physical state Liquid
Colour Yellowish
Odour No data available
Odor Threshold No data available

Melting Point < 0 °C

Evaporation Rate Not Applicable
Flammability (solid, gas) No data available

Explosive limits No Data Available Upper/lower flammability or explosive limits 7%(V)/1,1%(V)

Autoignition temperature

Decomposition temperature

No data available

No data available

Vapour pressure

24 hPa at 37,70 °C

Density

0.885 g/cm3 at 20 °C

Relative Density

Relative Density

Relative vapor density

Relative vapor density

7,67 - (Air = 1.0)

Freezing point

No data available

Viscosity

No data available

Partition coefficient

Explosive properties

No data available

Solubility

No data available

Ignition temperature No information available.

Particle characteristics No data available

10. Stability and reactivity

Possibility of hazardous reactions

Hazardous decomposition products

Conditions to avoid

Incompatible materials

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Reactivity Vapor/air-mixtures are explosive at intense warming.

The product is chemically stable under standard ambient conditions (room

temperature) . .

No data available

Heating.

Strong oxidizing agents

In the event of fire: see section 5

11. Toxicological information

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Acute toxicity

Stability

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

Endocrine disrupting properties

LD50 Oral - Rat - male - 3.523 mg/kg (Xylene) (EC Directive 92/69/EEC B.1 Acute Toxicity (Oral)) Remarks: (ECHA) Acute toxicity estimate Inhalation - 4 h - 12 mg/l - vapor(Calculation method) LC50 Inhalation - Rat - male - 4 h - 29,09 mg/l - vapor (Xylene) (Regulation (EC) No. 440/2008, Annex, B.2) Remarks: (Regulation (EC) No 1272/2008, Annex VI) Acute toxicity estimate Dermal - 1.376 mg/kg (Calculation method) LD50 Dermal - Rabbit - > 1.700 mg/kg (Xylene) Remarks: (RTECS)

Skin - Rabbit (Xylene) Result: Moderate skin irritation - 24 h Remarks: (IUCLID) Remarks: Drying-out effect resulting in rough and chapped skin. After long-term exposure to the chemical: Dermatitis

Eyes - Rabbit (Xylene) Result: Causes serious eye irritation. - 24 h Remarks: (RTECS)

Local lymph node assay (LLNA) - Mouse (Xylene) Result: negative (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: Mutagenicity (mammal cell test): chromosome aberration. (Xylene) Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: Regulation (EC) No. 440/2008, Annex, B.10 Result: negative Remarks: (National Toxicology Program) Test Type: Ames test (Xylene) Test system: Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative Test Type: sister chromatid exchange assay (Xylene) Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: Regulation (EC) No. 440/2008, Annex, B.19 Result: negative (Xylene) Test Type: dominant lethal test Species: Mouse Method: OECD Test Guideline 478 Result: negative

No data available

No data available

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. Repeated dose toxicity - Rat - male and female - Oral - 90 d - NOAEL (No observed adverse effect level) - 150 mg/kg - LOAEL (Lowest observed adverse effect level) - 150 mg/kg (Xylene) Blurred vision, Incoordination., Headache, Nausea, Vomiting, Dizziness, Weakness, anemia, Prolonged or

repeated exposure to skin causes defatting and dermatitis. (Xylene) To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. (Xylene) After absorption: (Xylene) Systemic effects: (Xylene) Headache somnolence Dizziness agitation, spasms narcosis inebriation (Xylene) Effect potentiated by: ethanol (Xylene) Other dangerous properties can not be excluded. (Xylene) Handle in accordance with good industrial hygiene and safety practice. (Xylene)

12. Ecological information

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Bioaccumulative potential No data available
Persistence and degradability No data available

Toxicity to fish Static test LC50 - Oncorhynchus mykiss (rainbow trout) - 2,60 mg/l - 96 h

(Xylene) (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates Static test EC50 - Daphnia - 108,82 mg/l - 48 h Remarks: (ECHA)

Toxicity to algae Static test EC50 - Pseudokirchneriella subcapitata - 4,36 mg/l - 73 h

(Xylene) (OECD Test Guideline 201)

Toxicity to bacteria Remarks: (ECHA) (Xylene)
Mobility in soil 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.

Contaminated packaging Dispose of as unused product.

Waste treatment Method See www.retrologistik.com for processes regarding the return of

chemicals and containers, or contact us there if you have further

questions.

14. Transport information

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UN number ADR/RID:1307 IMDG:1307 IATA:1307

UN proper shipping name ADR/RID:Xylenes IMDG:Xylenes IATA:Xylenes

Transport hazard class(es)

ADR/RID:3 IMDG:3 IATA:3

Packaging group

ADR/RID:III IMDG:III IATA:III

Environmental hazards

ADR/RID:No IMDG: No IATA: No

Further information No data available

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

Safety, health and environmental regulations/legislation specific for the substance or mixture

National legislation

Other regulations

Chemical Safety Assessment

of serious damage to eyes \$24/25 Avoid contact with skin and eyes \$26/28 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.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Seveso III Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. FLAMMABLE LIQUIDS

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.

A Chemical Safety Assessment has been carried out for this substance.

16. Other information

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Other Information

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 weassume 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 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 Rx Marine International has been advised of the possibility of such damages.

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