Material Safety Data Sheet

Waste Water Faculative Microorganism Respiration (RXSOL-32-3110-025)

1. Product and Company Identifaction

Part Number	RXSOL-32-3110-025
Product Name	Waste Water Faculative Microorganism Respiration

Company Details
RX MARINE INTERNATIONAL
105 , A-wing, BSEL TECH PARK
VASHI , NEW BOMBAY 400705
INDIA

Stock Branch ::: Mumbai, Kandla, Chennai, Ennore, Visakhapatnam, Gangavaram, Kolkata, Haldia, Surat, Fujairah, Muscat

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2. Composition / informationon ingredients

Chemical Name	Concentration by Percentage
Polyvinyl Alcohol	5-10
Contains Emulsified POLYMER	15
Non classified ingredients	70 - 75

3. Hazards Identification

Odour	Odourless
Appearance	Liquid, clear
Contact with eyes	Can cause damage to the eyes
Contact with skin	Can cause damage to the skin
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
Ingestion	The ingestion of significant quantities may cause damage to stomach lining
Environmental Hazards	None
Human Health Hazards	Moderates

4. First Aid Measures

General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
Inhalation	Harmful,. supply or remove to fresh air and seek medical advice attention
Skin Contact	May cause irritation Rinse with running water and soap. Skin care. Remove contaminated clothes. Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice if necessary Contaminated clothing should be laundered before reuse
Eye Contact	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes (Flush with running water for at least 15 minutes Immediately .) Obtain immediate medical attentionContinue flushing with water until medical help arrives
Ingestion	Vomiting is dangerous , seek medical attention. (Do not induce vomiting) Never give anything by mouth to an unconscious person Give plenty of water to drink Obtain immediate medical attention

5. Fire-fighting Measures

Non combustible Decomposition products may include toxic and irritant fumes Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

Suitable	N.A. can use foam dry Co2 , water-spray.
Not suitable	Not applicable
Special	Not applicable
Protection of fire Fighter	Not applicable
Flashpoint	> 250º C
Special protective equipment for fire-fighters	Wear protective equipment.

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8
Environmental Precautions	Do not allow to enter public sewers and watercourses
Immediate Actions	Contain spillage by any means possible
Clean Up Actions	Absorb spillage in inert material and shovel up Ventilate the area and wash spill site after material pick-up is complete
Special Precautions	Wear protective clothing as per section 8

Enviromental Precaution	Direct flow into drainage system, surface or ground water is prohibited.
Cleaning Method	Flush Spill Area with Water andremove with liquid-absorbing material like foam sand,sawdust etc..

7. Handling and Storage

Handling	The usual precautions for handling chemicals should be observed See Section 8 Eyewash bottles should be available.
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49) Protect from frost.
Condition to Avoid	Non flammable but avoid direct heating
Materials to Avoid	Do not subject to Acidic / Oxidizing Agents.
Handling	Keep Container Tightly Closed

NOTE : Eyewash facilities require atworkplace The product causes corrosion on skin and mucous membranes Pl. Note that In case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological dosage treatment plants. So that for maintaining pH we have to add acidic / basic medium neutaliser . For example if pH is less than 6 basic neutraliser is required and if pH is more than 10 acidic nature neutraliser is required. For details of any guideline pl. Visit our technical website www.rxmarine.com

- Dilute in water (always use plastic jar and RXSOL should be added to water never add water to RXSOL.)

8. Exposure controls and personal protection

Exposure Limits	There are no recommended or established controls for this product
Exposure controls	No special ventilation is required unless the product is used in a spray form
Occupational exposure controls	Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended) During fumigation/spraying wear suitable respiratory equipment (S42)
Personal protection	
Respiratory System Protection	Approved respirator must be worn when spraying
Eye Protection	wear eye protection (on possibility of contact)
Hand protection	wear PVC chemical resistance protective glove

9. Physical and chemical properties

PRODUCT PROPERTIES:

Appearance	Clear Liquid
Density	In g/cm3 at 20°C: 1.01
Compatibility	

Metal	No known effect
Rubber	No known effect
pH Flash point	4.5 to 7.5
Solubility	100% soluble in water
Packaging	210 Size (in Litres), Also Available in 25 Ltr

10. Stability and reactivity

- Stable
- Avoid overheating, Keep away from frost
- See Section 5
- Hazardous Decomposition Products:
  Do not occur if stored and used as directed. In FIRE combustion CO, CO2 , NH3, SOXetc hazardous gas produced.

NOTE : AVOID CONTACT WITH ACID

11. Toxicological information

Toxicological information	No experimental data available.
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.
Contact with skin	Prolonged skin or eye contact may cause chemical burns.
Contact with eyes	Prolonged skin or eye contact may cause chemical burns.
Ingestion	The ingestion of significant quantities may cause burning sensation.
Carcinogenicity	No evidence of carcinogenic effects.
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.
LD50 (oral)	> 2000 mg/kg - (Polyvinyl alcohol, partly saponified).

12. Ecological information

No components of this material are toxic to aquatic organisms, product are readily biodegradableas by mixing with water.

13. Disposal considerations

Disposal considerations	Non hazardous. Disposal should be in accordance with local, state or national legislation.

14. Transport information

Transport over land ADR/RID : Not classified as hazardous for transport

15. Regulatory information

Classification and labelling	Not classified as hazardous for users- S2 : Keep out of reach of children S26 : Incase of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 : After contact with skin, wash immediately with plenty of water. S37/39 : Wear suitable gloves and eye/face protection.

16. Other information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties Text of R and S phrase codes used in this safety data sheet

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