

1. Product and Company Identification

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Product Name : RXSOL-16-3006-025
Product Type : ULTRASONIC CLEANER

Company Details:

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

Stock Point : Mumbai, Kolkata, Chennai, Gandhidham, Visakhapatnam, Fujairah, Muscat, Kenya Africa, Canada

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2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Disodiummetasilicate	0.1-1%	6834-92-0	229-912-9	34,37	C
Fatty alcohol ethoxylate	5-10%	34398-01-1	500-084-3	22, 41	Xi
Alkylglucoside	1-5%	161074-93-7	500-529-1	41	Xi
Sodium Tripolyphosphate	5 - 15%	7758-29-4	231-838-7	36	Xi
Proprietary Blend**	35-40%	----	-----	----	---

Sodium Bicarbonate 144-55-8 205-633-8 1044 33 - 43% HAZARD CLASSIFICATION: None RISK PHRASES: None
Sodium (C10 - C16) Alkylbenzene Sulfonate 68081-81-2 268-356-1 Not Listed 10 - 20% HAZARD CLASSIFICATION: None
RISK PHRASES: None

**

INGREDIENTS:

The identities of the ingredients in this product are proprietary and regarded as a TRADE SECRET as defined in 29 CFR 1910.1200. In the case of a medical emergency, the identities will be divulged to qualified health professionals according to the provisions of 29 CFR 1910.1200 regarding a TRADE SECRET.

This product is a weak organic base in a water system. It contains ionic and nonionic surfactants.

*See Section 16

3. Hazards Identification

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Odour	Characteristic Odour
Appearance	Liquid Soluble in water
Contact with eyes	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
Contact with skin	In cases of severe exposure, irritation may develop
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract. Excessive inhalation may cause irritation
Ingestion	The ingestion of significant quantities may cause gastro-intestinal disturbances Can cause G.I. irritation or ulceration. Ingestion of large quantities can

cause muscle paralysis affecting the ability to breathe. May be fatal if ingested.

EMERGENCY OVERVIEW: Clear liquid with a slight ammonia odor. Alkaline pH = ~10. Severe eye irritant. May cause eye damage. Flush eyes for 30 minutes and seek medical attention.

ROUTES OF ENTRY:

eye contact POTENTIAL HEALTH EFFECTS EYES: This product is a weak base (pH~10).

Direct contact may cause severe irritation and/or burns. Corneal damage is possible and could result in permanent impairment of vision. Concentrated vapors of the undiluted product may irritate the eyes in sensitive individuals.

ACUTE HEALTH HAZARDS: Possible eye damage.

4. First Aid Measures

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Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water. Seek medical advice if necessary.
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Obtain immediate medical attention.
Ingestion	Never give anything by mouth to an unconscious person. Give plenty of water to drink. Obtain immediate medical attention. Remove patient to fresh air. Keep warm and at rest, in a half upright position. Loosen clothing. Seek medical attention if irritation persists.
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)n.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

May cause tissue destruction leading to stricture. If lavage is performed, suggest use of saline. There is no specific antidote. Supportive care and treatment must be based on the signs and symptoms and reactions of the patient.

5. Fire-fighting Measures

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- Smoke from fires is irritating
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

FLAMMABLE LIMITS IN AIR, UPPER:

(% BY VOLUME) not established LOWER: not established

FLASH POINT: >215 degrees F

AUTOIGNITION TEMPERATURE: not established

HAZARD CLASSIFICATION SYSTEM Based on a review of the undiluted components:

HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0 OTHER: NONE

EXTINGUISHING MEDIA: NO SPECIAL CONSIDERATIONS

SPECIAL FIRE FIGHTING PROCEDURES: NO SPECIAL CONSIDERATIONS

UNUSUAL FIRE AND EXPLOSION HAZARDS: NO SPECIAL CONSIDERATIONS

HAZARDOUS DECOMPOSITION PRODUCTS: During a fire, smoke may contain the original materials in addition to unidentified toxic and/or irritating compounds. These may include, but are not limited to, nitrogen oxides, carbon monoxide, and carbon dioxide.

6. Accidental Release Measures

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Personal Precautions	Wear protective clothing as per section 8
Environmental Precautions	No special precautions are required for this product
Immediate Actions	Shut off source of leak if safe to do so
Clean Up Actions	Absorb spillage in inert material and shovel up. Flush spill area with copious amounts of water
Special Precautions	Wear protective clothing as per section 8

ACCIDENTAL RELEASE MEASURES: This product is toxic to fish. Take measures to keep the undiluted product from entering sewer systems or bodies of water. Absorbents, dikes, and other appropriate measures should be taken. Contaminated surfaces may be slippery. After containment, dispose according to Section 13. Wear an appropriate respirator with ammonia/methylamine/P100 or combination cartridges for large area spills. Use a supplied air respirator for more extreme circumstances.

7. Handling and Storage

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Handling	The usual precautions for handling chemicals should be observed Eyewash bottles should be available. See Section 8
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49) Protect from frost

8. Exposure controls and personal protection

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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) No respiratory protection is required unless subject to contact with substance mist

ENGINEERING CONTROLS: No special requirements

VENTILATION: Use in well ventilated areas.

RESPIRATORY PROTECTION: None needed when product is used as intended. Use ammonia/methylamine/P100 or combination cartridges with a full-face respirator if additional protection is desired.

EYE PROTECTION: Use splash-proof goggles when handling this material. Eyewash fountains should be readily available.

SKIN PROTECTION: Wear chemical gloves when handling this material. Materials resistant to weak organic bases should be chosen such as butyl, neoprene, nitrile, or equivalent.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

WORK HYGIENIC PRACTICES: Use caution as with any liquid base of pH = ~10.

EXPOSURE GUIDELINES: No TLV or PEL established for this mixture

9. Physical and chemical properties

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Odour	Characteristic odour
Appearance	Liquid, custom, soluble in water
pH	10.5 - 11.5 at 5 - 10 % concentration
Boiling point	100 °C at 760 mm /Hg
Vapour pressure	Not known
Freezing point	