

1. Product and Company Identification

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Product Name RXSOL ORG CNE 2400

Part Number RXSOL-10-3252-025

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

Phone +91 22 20871200 - 1400

Fax +91 22 27612100 ::AOH :0091 9821214367

Email mail@rxmarine.com

Website www.rxmraine.com

2. Composition / Information on ingredients

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Hazardous Component(s)	CAS Number	Percentage
Monoethanolamine	141-43-5	1 - 5
Triethanolamine	102-71-6	1 - 5
Adhesion promoter	Proprietary	0.1 - 1

Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

3. Hazards Identification

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Precautionary Statements

Prevention	Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.
Response	IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing.
Storage	Not prescribed
Disposal	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

4. First Aid Measures

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Inhalation	If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.
Skin contact	Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.
Eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion	Get medical attention. DO NOT induce vomiting unless directed to do so by medical personnel.
Symptoms	See Section 11.

5. Fire-fighting Measures

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Extinguishing media	Use media appropriate for surrounding material.
Special firefighting procedures	Wear full protective clothing. Wear self-contained breathing apparatus
Unusual fire or explosion hazards	This product is an aqueous mixture and although it will exhibit a flash point, it will not support combustion.
Hazardous combustion products	Irritating and toxic gases or fumes may be released during a fire.

6. Accidental Release Measures

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Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions	Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up.
Clean-up methods	Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

7. Handling and Storage

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Handling	Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not mix this product with fluids which contain NITRITES/NITRATES. NITROSAMINE may be formed. Do not take internally. For industrial use only. Mix well before using.
Storage	For safe storage, store between 0 °C (32°F) and 40 °C (104°F)

8. Exposure controls and personal protection

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Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Monoethanolamine	6 ppm STEL	3 ppm (6 mg/m3)	None	None
	3 ppm TWA	PEL		
Triethanolamine	5 mg/m3 TWA	None	None	None
Adhesion promoter	None	None	None	None
Engineering controls				Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.
Respiratory protection				If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.
Eye/face protection				Wear safety glasses; chemical goggles (if splashing is possible).
Skin protection				Chemical resistant, impermeable gloves. Use of impervious apron and boots are recommended. Gloves should be tested to determine suitability for prolonged contact.

9. Physical and chemical properties

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Physical state	Liquid
Colour	Light amber
Odor	Mild
Odor threshold	Not available
pH	9.88
Vapor pressure	Not determined
Boiling point/range	> 100 °C (> 212°F)calculated
Melting point/ range	Not determined
Specific gravity	1.031
Vapor density	Not determined
Flash point	Not applicable
Flammable/Explosive limits - lower	Not available.
Flammable/Explosive limits - upper	Not available.
Autoignition temperature	Not determined
Flammability	Not applicable
Evaporation rate	Not determined
Solubility in water	Completely soluble
Partition coefficient (n-octanol/water)	Not determined
VOC content	Not available.
Viscosity	Not available.
Decomposition temperature	Not available.

10. Stability and reactivity

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Reactivity	Stable at normal conditions
Hazardous reactions	None under normal processing.
Hazardous decomposition products	Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.
Incompatible materials	Oxidizing agents
Reactivity	Nitrites may react with organic amines to form nitrosamines which can cause cancer.
Conditions to avoid	Do not mix this product with nitrites or other nitrosating agents because a carcinogenic nitrosamine may be formed.

11. Toxicological information

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Relevant routes of exposure	Skin, Inhalation, Eyes
Potential Health Effects/Symptoms	
Inhalation	Inhalation of vapors or mists of the product may be irritating to the respiratory system.
Skin contact	This product may cause irritation to the skin. Prolonged contact with this product may cause allergic skin sensitization reactions.
Eye contact	This product may be severely irritating to the eyes
Ingestion	Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Monoethanolamine	Oral LD50 (Rat) = 10.2 g/kg Oral LD50 (Mouse) = 700 mg/kg	Irritant, Kidney, Liver, Corrosive, Respiratory, Developmental

Triethanolamine	Dermal LD50 (Rabbit) = 1,025 mg/kg Oral LD50 (Rat) = 8.0 g/kg	Irritant, Allergen
Adhesion promoter	Dermal LD50 (Rabbit) = > 20,000 mg/kg None	No Target Organs
Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen
		OSHA Carcinogen (Specifically Regulated)
Monoethanolamine	No	No
Triethanolamine	No	No
Adhesion promoter	No	No

12. Ecological information

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Ecological information Not available.

13. Disposal considerations

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Information provided is for unused product only

Recommended method of disposal Follow all local, state, federal and provincial regulations for disposal

14. Transport information

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U.S. Department of Transportation Ground (49 CFR)

Proper shipping name	Not regulated
Hazard class or division	None
Identification number	None
Packing group	None

International Air Transportation (ICAO/IATA)

Proper shipping name	Not regulated
Hazard class or division	None
Identification number	None
Packing group	None

Water Transportation (IMO/IMDG)

Proper shipping name	Not regulated
Hazard class or division	None
Identification number	None
Packing group	None

15. Regulatory information

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United States Regulatory Information

TSCA 8 (b) Inventory Status	All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
TSCA 12 (b) Export Notification	None above reporting de minimis
CERCLA/SARA Section 302 EHS	None above reporting de minimis
CERCLA/SARA Section 311/312	Immediate Health, Delayed Health
CERCLA/SARA Section 313	This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Nonylphenol

CERCLA Reportable quantity
California Proposition 65

ethoxylate (CAS# 127087-87-0).

Sodium phosphate, dibasic (CAS# 7558-79-4) 5,000 lbs. (2,270 kg)

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information
CEPA DSL/NDSL Status

Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

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 we assume 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 we 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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