

RXSOL ORG CMC TS-218 (RXSOL-10-3251-025)

MATERIAL SAFETY DATA SHEET • SALALAH CHEMICAL, OMAN

1. Product and Company Identification

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Product Name	RXSOL ORG CMC TS-218
Part Number	RXSOL-10-3251-025

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

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2. Composition / Information on ingredients

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Hazardous Component(s)	CAS Number	Percentage
Solvent naphtha (petroleum), heavy arom. > 1% naphthalene	64742-94-5	30 - 60
Triethanolamine	102-71-6	5 - 10
2-Butoxyethanol	111-76-2	1 - 5
2-Methylpentane-2,4-diol	107-41-5	1 - 5
Naphthalene	91-20-3	1 - 5
Alkylphenol ethoxylate	9036-19-5	1 - 5
Alkylphenol ethoxylate	9036-19-5	1 - 5
Diethanolamine	111-42-2	1 - 5
Coconut fatty acid diethanolamide	68603-42-9	1 - 5
Benzotriazole	95-14-7	1 - 5

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	Keep away from heat, sparks, open flames, hot surfaces - no smoking. Do not breathe vapors, mist, or spray. Wash affected area thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.
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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 exposed: Call a poison center or physician. If exposed or concerned: Call a POISON CENTER/doctor/... If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing. In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.
Storage	Store in a well-ventilated place. Keep cool. Store locked up
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 symptoms are experienced, remove source of contamination or move victim to fresh air. If not breathing, give artificial respiration. Get medical attention.
Skin contact	For skin contact flush with large amounts of water. Obtain medical attention if irritation persists.
Eye contact	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
Ingestion	Get immediate medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Give one to two glasses of water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions.
Symptoms	See Section 11.
Notes to physician	This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

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	Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition.
Hazardous combustion products	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

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. Contain spill.
Clean-up methods	Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Flush area with water to remove trace residue. Dispose of according to Federal, State and local governmental regulations.

7. Handling and Storage

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Handling	Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Keep container closed. Provide adequate ventilation. Wash thoroughly after handling. Keep away from heat, spark and flame. Do not cut or weld on empty drums. Sufficient vapors from residues may be present to cause explosion and serious injury and/or death.
Storage	For safe storage, store between 40 °F (4.4 °C) and 100 °F (37.8 °C) Store in a cool, dry, well-ventilated area. Store away from strong oxidizers. Thaw and mix thoroughly if frozen.

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
Solvent naphtha (petroleum), heavy arom. > 1% naphthalene	(SKIN) (as total hydrocarbon vapor) Non-aerosol. 200 mg/m ³ TWA (as total hydrocarbon vapor) Non-aerosol	None	None	None
Triethanolamine	5 mg/m ³ TWA	None	None	None
2-Butoxyethanol	20 ppm TWA	50 ppm (240 mg/m ³) PEL (SKIN)	None	None
2-Methylpentane-2,4-diol	10 mg/m ³ STEL Aerosol, inhalable. 50 ppm STEL Vapor fraction 25 ppm TWA Vapor fraction	None	None	None
Naphthalene	10 ppm TWA (SKIN)	10 ppm (50 mg/m ³) PEL	None	None
Alkylphenol ethoxylate	None	None	None	None
Alkylphenol ethoxylate	None	None	None	None
Diethanolamine	1 mg/m ³ TWA Inhalable fraction and vapor. (SKIN) Inhalable fraction and vapor	None		
Coconut fatty acid diethanolamide	None	None	None	None
Benzotriazole	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 chemical goggles; face shield (if splashing is possible)
Skin protection	Chemical resistant, impermeable gloves. Use of impervious apron and boots are recommended.

9. Physical and chemical properties

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Physical state	Liquid
Colour	Amber
Odor	Solvent
Odor threshold	Not available.
pH	8.3 - 9.3
Vapor pressure	Not determined
Boiling point/range	> 100 °C (> 212°F)
Melting point/ range	Not determined
Specific gravity	0.96 - 0.98 at 23.9 °C (75.02 °F)
Vapor density	Not applicable
Flash point	62.8 °C (145.04 °F) calculated
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	Disperses in water as emulsion
Partition coefficient (n-octanol/water)	Not determined
VOC content	405 g/l
Viscosity	Not available.
Decomposition temperature	Not available.

10. Stability and reactivity

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Reactivity	Stable at normal conditions
Hazardous reactions	Will not occur
Hazardous decomposition products	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Incompatible materials	This product may react with strong acids or oxidizing agents.
Reactivity	Not available.

Conditions to avoid	Store away from incompatible materials.
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11. Toxicological information

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Relevant routes of exposure	Skin, Inhalation, Eyes
Potential Health Effects/Symptoms	
Inhalation	Can cause severe irritation and burns to the respiratory tract
Skin contact	Corrosive to the skin. Contact with the skin or mucous membranes may cause severe irritation and burns.
Eye contact	Causes eye burns.
Ingestion	Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Sodium phosphate, dibasic	Oral LD50 (Rat) = 17 g/kg	Irritant, Corrosive
Sodium metasilicate	Oral LD50 (Rat) = 1,280 mg/kg Oral LD50 (Mouse) = 2,400 mg/kg	Irritant, Corrosive, Eyes
Sodium phosphate, tribasic	None	Corrosive, Irritant, Metabolic
Tetrasodium pyrophosphate	None	Corrosive, Irritant, Metabolic
Nonylphenol ethoxylate	None	No Target Organs

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Sodium phosphate, dibasic	No	No	No
Sodium metasilicate	No	No	No
Sodium phosphate, tribasic	No	No	No
Tetrasodium pyrophosphate	No	No	No
Nonylphenol ethoxylate	No	No	No

12. Ecological information

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Ecological information	Not available.
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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. This product contains a alkylphenol or nonylphenol ethoxylate.
Hazardous waste number	Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

14. Transport information

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U.S. Department of Transportation Ground (49 CFR)	
Proper shipping name	Disodium trioxosilicate mixture
Hazard class or division	8
Identification number	UN 3253
Packing group	III
DOT Hazardous Substance(s)	Sodium phosphate, dibasic
International Air Transportation (ICAO/IATA)	
Proper shipping name	Disodium trioxosilicate mixture
Hazard class or division	8
Identification number	UN 3253
Packing group	III
Water Transportation (IMO/IMDG)	
Proper shipping name	DISODIUM TRIOXOSILICATE mixture
Hazard class or division	8
Identification number	UN 3253
Packing group	III

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 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 ethoxylate (CAS# 127087-87-0).
CERCLA Reportable quantity	Sodium phosphate, dibasic (CAS# 7558-79-4) 5,000 lbs. (2,270 kg)
California Proposition 65	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	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

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. DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.
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