

RXSOL ORG CAK 2460 (RXSOL-10-3241-025)

MATERIAL SAFETY DATA SHEET • SALALAH CHEMICAL, OMAN

1. Product and Company Identification

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Product Name	RXSOL ORG CAK 2460
Part Number	RXSOL-10-3241-025

Company Details:....

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

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2. Composition / Information on ingredients

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Substances

Hazardous Component(s)	CAS Number	Percentage
Sodium phosphate, dibasic	7558-79-4	10 - 30
Sodium metasilicate	6834-92-0	10 - 30
Sodium phosphate, tribasic	Proprietary	5 - 10
Tetrasodium pyrophosphate	Proprietary	5 - 10
Nonylphenol ethoxylate	127087-87-0	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 only in original packaging. Do not breathe dust or fumes. Wash affected area thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, clothing, eye and face protection.
Response	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in corrosive resistant container with a resistant inner liner.

Disposal	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.
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4. First Aid Measures

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Inhalation	If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms develop and persist, 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	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. Get immediate medical attention.
Symptoms	See Section 11.
Notes to physician	No information available.

5. Fire-fighting Measures

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Extinguishing media	Use media appropriate for surrounding material.
Special firefighting procedures	Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.
Unusual fire or explosion hazards	Not a fire hazard.
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	Ventilate area. Do not allow product to enter sewer or waterways
Clean-up methods	Avoid the generation of dusts during clean-up. Sweep up or gather material and place in appropriate container for disposal. 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. Provide adequate ventilation. Avoid breathing dust. Wash thoroughly after handling.
Storage	Keep the container tightly closed and in a cool, well-ventilated place.

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
Sodium phosphate, dibasic	None	None	None	None
Sodium metasilicate	None	None	None	None
Sodium phosphate, tribasic	None	None	None	None
Tetrasodium pyrophosphate	None	None	None	None
Nonylphenol ethoxylate	None	None	None	None

Engineering controls	Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.
Respiratory protection	If ventilation is not sufficient to effectively prevent buildup of dust, appropriate NIOSH/MSHA respiratory protection must be provided.
Eye/face protection	Wear chemical goggles.
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	Solid
Colour	White
Odor	None
Odor threshold	Not available.
pH	12.0
Vapor pressure	Not applicable
Boiling point/range	Not determined
Melting point/ range	Not determined
Specific gravity	Not applicable
Vapor density	Not applicable
Flash point	> 232 °C (> 449.6 °F)
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	Complete
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	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.

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 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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