Material Safety Data Sheet

Detergent Powder RXSOL (RXSOL-12-1502-020)

1. Product and Company Identifaction

Product Name	**Detergent Powder**
Product Type	**RXSOL-12-1502-020**

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

??Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9322594669
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical Name	Common Name	CAS No.	Composition Range	LD50/LC50
Sodium Carbonate	Soda Ash	497-19-8	7-20%	1.9 g/kg (rats, oral)
Alkyl Sulfate, Sodium Salt	Alkyl Sulfate	68955-19-1 & Proprietary	5-10%	1.3 - 2.1 g/kg (rats, oral)
Linear Alkyl Sulfonate	LAS	68081-81-2	7-20%	0.7 – 1.3 g/kg (rats, oral)

3. Hazards Identification

Potential Health Hazards (Acute and Chronic): (See Section 11 for more information)

Ingestion: May cause transient gastrointestinal irritation.

Eye Contact: May cause mild, transient irritation.

Skin Contact: N/A

Inhalation:

Heavy exposure to dust may cause transient respiratory tract irritation. Prolonged or repeated heavy exposure to dust may cause respiratory sensitization or sympotamic responses.

Signs and Symptoms of Exposure:

Ingestion: Possible mild gastrointestinal irritation with nausea, vomiting, and/or diarrhea.

Eye Contact: Eye contact with the product or its aqueous solution may produce transient superficial irritation.

Skin Contact: N/A

Inhalation: Heavy exposure to dust may cause transient respiratory tract irritation.Medical Conditions Generally Known to be Aggravated by Exposure: N/K.

Potential Environmental Effects: (See Section 12 for more information)

4. First Aid Measures

Ingestion: Dilute by drinking 1-2 glasses of water. Do NOT induce vomiting. If symptoms persist, consult a physician.

Eye Contact: Flush eyes thoroughly with lukewarm water for 15 minutes. If irritation persists, consult a physician.

Skin Contact: Rinse exposed area with water. If irritation persists, consult a physician.

Inhalation: Leave dusty area. In rare cases a respiratory reaction can occur which may include tightness of chest and difficulty breathing. If this occurs, seek medical attention immediately.

Note to Physician: (if applicable):

Other: Consumer product package has the following precautionary statement:

FRONT LABEL: “CAUTION: EYE IRRITANT. HARMFUL IF SWALLOWED. SEE CAUTION ON SIDE PANEL.” SIDE PANEL: CAUTION: KEEP OUT OF REACH OF CHILDREN. If swallowed, give a glassful of water.Call a physician. In case of eye contact, flush with water.”

5. Fire-fighting Measures

Flash Point (Method Used): N/A

Flammable Properties:

Upper Flammable Limit: N/K

Lower Flammable Limit: N/K

Explosive Limits: UEL: N/A LEL: N/A

Auto-ignition Temperature: N/A

Hazardous Combustion Products: N/K

Explosion Data (Sensitivity to Mechanical Impact): N/K

Explosion Data (Sensitivity to Static Discharge): N/K

Extinguishing Media:

Suitable: CO2, water, or dry chemical.

Unsuitable: N/K

Protection of Firefighters:
Specific Hazards Arising from the Material: N/K

Protective Equipment and Precautions for Firefighters: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially irritating or sensitizing fumes.

6. Accidental Release Measures

Personal Precautions:

Minimize dust levels while collecting product (see "Inhalation" health effects). Prevent exposure to dust with NIOSH approved respirators with HEPA filters. Minimize prolonged skin contact by using gloves.

Environmental Precautions:

DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Small (household) solutions may be disposed of in sewer. Dry product may be landfilled if permitted by local regulations. Discard empty container in trash. Waste water containing product may be sewered in compliance with all federal and state/provincial regulations, and local ordinances.

Methods for Containment:

For dry product spills, collect material in an approved container while minimizing dust generation. Vacuum, as appropriate, remaining dust on floor.

Methods for Cleanup:

Recycle or dispose of product, as necessary, in accordance with regulations. Flush small (household) quantities down acceptable sanitary/process sewer. Wipe up small spills with a damp cloth. Dispose of according to local regulations.

Other Information: (if applicable):

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid breathing product dust.

Precautions To B e Taken in Storage: Store in a cool, dry place. Keep product dry to maintain free-flowing granules.

8. Exposure controls and personal protection

Exposure Guidelines: N/A

Engineering Controls: N/A

Personal Protective Equipment (PPE):
Eye/Face Protection: None required for normal consumer use.

Skin Protection: None required for normal consumer use.

Respiratory Protection: None required for normal consumer use

9. Physical and chemical properties

Appearance (color, physical form, shape)	White powder with or without colored speckles
Flash Point (Method Used)	N/A
Odor	Scented and/or unscented.
Reserve Alkalinity	~ 8.96
Odor Threshold	N/A
Solubility in Water	Mostly soluble at 68oF (20oC)
Physical State	Solid granules
Decomposition Temperature	N/A
Vapor Pressure (mm Hg)	N/A
Evaporation Rate (nBuOAc=1)	N/A
Vapor Density (Air=1)	N/A
Specific Gravity/Density	0.525
Boiling Point	N/A
Melting/Freezing Point	N/A
Partition Coefficient (n-octanol/water)	N/A
pH (1% solution)	9-11

10. Stability and reactivity

Chemical Stability: Stable

Conditions to Avoid: Open flame

Incompatible Materials: N/K

Hazardous Decomposition Products: N/K

Possibility of Hazardous Reactions: N/K

11. Toxicological information

Granular detergent has a relative low order of toxicity. If ingested, it may result in mild gastrointestinal irritation, diarrhea, and/or vomiting. Eye contact with the product or its aqueous solution my produce transient superficial irritation.

Chronic Effects: No chronic health effects reported.

Target Organs: No target organs reported.

Carcinogenicity: This finished consumer product is not carcinogenic.

NTP: No

IARC: No

12. Ecological information

Based on ecotoxicity and chemical fate data the ingredients in this product are not expected to harm the environment when disposed of through normal routes of use. The surfactants in this detergent are readily biodegradable and well removed during sewage treatment processing.

13. Disposal considerations

Waste Disposal Method: DISPOSAL IS TO BE PERFORMED IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS.

Non-Household Setting (Federal): Products covered by this MSDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

Non-Household Setting (California): Hazardous, in accordance with 22 CCR 66261.20 through 22 CCR 66261.24

Household Use: Consumer may discard empty container in trash, or recycle where facilities exist. Consumer produced household solutions may be disposed of down the drain with running water. Product used in household may be disposed of in refuse or in sewer.

14. Transport information

Products covered by this MSDS, in their original form, are not regulated for transportation.
Ground Transport (US DOT): Not regulated

Air Transport (IATA): Not regulated

Marine/Water Transport (IMDG): Not regulated

15. Regulatory information

While the finished product is not considered hazardous as defined by OSHA in 29 CFR 1910.1200 (d), this MSDS contains valuable information critical to the safe handling and proper use of the product.

United States: All intentionally added components of this product are listed on the US TSCA Inventory.

EPA Registration Number: Not Applicable.

SARA 313/302/304/311/312 chemicals: None

California: This product has been evaluated and does not require warning labeling under California Proposition 65.

California Registration Number: Not Applicable.

State Right-to-Know and CERCLA:

The following ingredients present in the finished product are listed on state right-to-know lists or state worker exposure lists.

Ingredient	CAS #	Level	CERCLA RQ	State IL	MA	NJ	PA	RI
Triphosphoric acid, sodium salt	7758-29-4	5-15%	5000 lbs	X	X	X	X	

Sodium sulfate	7757-82-6	20-40%	N/A		X		X	
Sodium hydroxide	1310-73-2	1-5%	1000lbx	X	X	X	X	X

16. Other information

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

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