Material Safety Data Sheet

Floor and Engine Parts Degreaser (powder) (RXSOL-41-4128-005)

1. Product and Company Identifaction

Product Name	**Floor and Engine Parts Degreaser (powder)**
Part Number	**RXSOL-41-4128-005**

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

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

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
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 Hazard(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:	Not Applicable
Other	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:	NA
Auto-ignition Temperature:	NA
Hazardous Combustion Products	Not Known
Explosion Data (Sensitivity to Mechanical Impact):	Not known
Explosion Data (Sensitivity to Static Discharge):	Not Known
Extinguishing Media:	Suitable: CO2, water, or dry chemical.
Unsuitable:	Not Known
Specific Hazards Arising from the Material:	Not Known
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.

7. Handling and Storage

Handling	Avoid breathing product dust.
Storage	Store in a cool, dry place. Keep product dry to maintain free-flowing granules.
Packing	Keep Container, bag tightly closed

8. Exposure controls and personal protection

Exposure Guidelines :	Not Applicable
Engineering Controls:	Not Applicable
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 Air, Flame
Incompatible Materials:	Not Known
Hazardous Decomposition Products	Not known
Possibility of Hazardous Reactions: N/K	Not Known
Other	None

11. Toxicological information

Information	Granular Particle 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	Not Known
IARC	None

12. Ecological information

Ecological	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.
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

Information	Products covered by this MSDS, in their original form, are not regulated for transportation.
DOT	Not Regulated
IATA	Not regulated
IMDG	Not regulated

15. Regulatory information

OSHA	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.
USA	All intentionally added components of this product are listed on the US TSCA Inventory.
EPA Reg Number:	Not Applicable
SARA	SARA 313/302/304/311/312 chemicals: None
California:	This product has been evaluated and does not require warning labeling under California Proposition 65.

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

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.