Material Safety Data Sheet

Car Shampoo (RXSOL-12-4102-020)

1. Product and Company Identifaction

Product Name	RXSOL-41-4102-005
Product Type	Car Wash Shampoo

Company Details:

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

Phone	+91 22 27815540 / 41 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical Name	**Cas Number**	Wt %
Linear Dodecyl Benzene Sulfonate	25155-30-0	-
Bis (2-hydroxyethyl) cocalkyl amine	61719-31-9	-
Mono ethanol amine	141-43-5	-

3. Hazards Identification

Acute Effects

Eye	Eye irritant, expect redness, stinging, watering and itching. Possible damage to eye tissue.
Skin	No significant irritation expected from a single short-term exposure.
Inhalation	Irritates respiratory passages very slightly.
Oral	Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin	No known applicable information.
Inhalation	No known applicable information.
Oral	No known applicable information.

Medical Conditions Aggravated by Exposure : No known applicable information. The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

4. First Aid Measures

Eye	Immediately flush with water. Consult Doctor.
Skin	Rinse thoughly if irritation occurs. Consult Doctor if it persists
Inhalation	No first aid should be needed.
Oral	Seek medical attention
Comments	Treat symptomatically.

5. Fire-fighting Measures

Flash Point	>213.8 °F
Auto Ignition	Not Determined
Upper Flamability	Limit Not Determined
Lower Flamability	Limit Not Determined
Extinguishing Media	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.
Fire Fighting Measures	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire Hazards	None.
Hazardous Decomposition Products	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Metal oxides.

6. Accidental Release Measures

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

7. Handling and Storage

- Use with adequate ventilation. Avoid eye contact.
- Use reasonable care and store away from oxidizing materials.

8. Exposure controls and personal protection

Linear Dodecyl Benzene Sulfonate	25155-30-0	not established
Bis (2-hydroxyethyl) cocalkyl amine	61719-31-9	not established
Mono ethanol amine	141-43-5	TWA 3 ppm OSHA PEL STEL 15 mg/m3 NIOSH
Engineering Controls:		
Local Ventilation	None should be needed.	
General Ventilation	Recommended.	
Personal Protective Equipment for Routine Handling:		
Eyes	Use proper protection - safety glasses as a minimum.	

Skin	Washing at mealtime and end of shift is adequate.
Suitable Gloves	No special protection needed.
Inhalation	No respiratory protection should be needed.
Suitable Respirator	None should be needed.
Precautionary Measures	Avoid eye contact. Use reasonable care.

Comments

When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor OSHA Permissible Exposure Limit for formaldehyde.

9. Physical and chemical properties

Physical State	Liquid
Color	Blue
Odor	Bubblegum
pH	8-9
Specific Gravity	99
Viscosity	200 cst
Vapor Density (Air=1)	Not Determined
Melting Point	°F 25°F
Vapor Press	Not Determined
Water Solubility	complete
VOC Content	.05 lb/gal

10. Stability and reactivity

Stability	Stable
Hazardous Polymerization	Not Expected to Occur
Conditions to Avoid	Oxidizing materials can cause a reaction

Hazardous Decomposition Products:

When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Safe handling conditions may be maintained by keeping vapor OSHA Permissible Exposure Limit for formaldehyde.

11. Toxicological information

Routes of Entry: Dermal Contact, Eye Contact, Inhalation, Ingestion
Acute oral toxicity 438 mg/Kg (LD 50, Rat)

12. Ecological information

Not Available

13. Disposal considerations

RCRA Hazard Class (40 CFR 261)
When a decision is made to discard this material, as received, is it classified as a hazardous waste? No
State or local laws may impose additional regulatory requirements regarding disposal.

14. Transport information

Not subject to DOT. Not regulated
Not subject to IMDG code.
Not subject to IATA regulations

15. Regulatory information

TSCA Status	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances (40 CFR 355) : None.

Section 304 CERCLA Hazardous Substances (40 CFR 302): None.

Section 311/312 Hazard Class (40 CFR 370):

Acute	No
Chronic	No
Fire	No
Pressure	No
Reactive	No

Section 313 Toxic Chemicals (40 CFR 372): None present or none present in regulated quantities. Supplemental State Compliance Information California

Warning	This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm. :NONE

16. Other information

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.