

1. Product and Company Identification

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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 / Information on ingredients

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| 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

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Acute Effects

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|------------|--|
| 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

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|------------|----------------------------------|
| 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

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|------------|--|
| Eye | Immediately flush with water. Consult Doctor. |
| Skin | Rinse thoroughly 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

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|-------------------|----------------------|
| 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 exposed containers. |
| Fire Fighting Measures | Self-contained breathing apparatus and protective clothing should be used when fighting large fires involving chemicals. Determine the need to evacuate the area according to your local emergency plan. Use water spray to cool exposed containers cool. |
| Unusual Fire Hazards | None. |
| Hazardous Decomposition Products | Thermal breakdown of this product during fire or very high heat conditions will evolve the following hazardous decomposition products: Carbon oxides and other products of incompletely burned carbon compounds. Formaldehyde. Metal oxides. |

6. Accidental Release Measures

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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

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

8. Exposure controls and personal protection

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| | | |
|-------------------------------------|------------|---|
| 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/m ³ 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, skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping the product cool. OSHA Permissible Exposure Limit for formaldehyde.

9. Physical and chemical properties

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|----------------|--------|
| Physical State | Liquid |
|----------------|--------|

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|-----------------------|----------------|
| 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

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| | |
|--------------------------|--|
| 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

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

12. Ecological information

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Not Available

13. Disposal considerations

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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

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

15. Regulatory information

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TSCA Status

All chemical substances in this material are included on or exempted from 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) known to cause cancer, birth defects or other reproductive harm. :NONE |
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16. Other information

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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.

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.