# Material Safety Data Sheet

**Liquid Surface Cleaner** (RXSOL-13-1013-005)

## 1. Product and Company Identifaction

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|---|---|
| Product Name | **Liquid Surface Cleaner** |
| Product Type | **RXSOL-13-1013-005** |

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

| | |
|---|---|
| Phone | +91 22 65113333/ 5555 / 9999 / 27611360 / 27815540 |
| Fax | +91 22 2781 1318 :::AOH :0091 9322594669 |
| Email | mail@rxmarine.com |


## 2. Composition / informationon ingredients

Ingredients listed on the product label are:
Cleaning agents (anionic and nonionic surfactants),quality control agents, perfume, colorant and water.
Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200. and/or WHMIS under the HPA:

| Chemical Name | Common Name | CASNo. | Composition Range | TLV/LD50/LC50 |
|---|---|---|---|---|
| Alcohol ethoxylates | | 68439-46-3 | 1-5% | LD50 (rat, oral) = 200-2000 mg/kg |

## 3. Hazards Identification

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

Ingestion: May be harmful if swallowed.

Eye Contact: Mild eye irritant.

Skin Contact: Mild skin irritant.

Inhalation: N/A

Signs and Symptoms of Exposure:
Ingestion: Oral ingestion may result in transient system effects (ataxia and muscle weakness) and/or gastrointestinal irritation with nausea, vomiting or diarrhoea. This product contains alcohol ethoxylates. Large ingestions (>2 ml/kg) may also cause symptoms of alcohol-like intoxication, lack of coordination, drowsiness, inarticulateness or ataxia. Alcohol ethoxylates may contribute to central nervous system symptoms. Possible mile gastrointestinal irritation with nausea, vomiting and/or diarrhoea. Large ingestions may cause temporary dizziness, lack or coordination and headache.

Eye Contact:
Installation into the eye may result in transient superficial effects similar to those produced by mild toilet soaps and detergents.

Skin Contact: Use on the irritated or extremely dry skin may aggravate the existing condition.

Inhalation:N/A

Medical Conditions Generally Known to be Aggravated by Exposure: N/A

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

## 4. First Aid Measures

Ingestion:
Drink 1-2 glasses of water and call a physician or poison control centre (product contains alcohol ethoxylates). Do not induce vomiting unless they tell you to do so.

Eye Contact:
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice if irritation persists.

Skin:
Thoroughly wash exposed area with soap and water and discontinue use. Remove contaminated clothing. If irritation persists, call a physician.

Inhalation:
Remove to fresh air.

Other:
Consumer product package has the following precautionary statement: “CAUTION: EYE IRRITANT. KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. If in eyes, hold eyes open and rinse gently with water for 15-20 minutes. If wearing contacts, remove lenses after first 5 minutes and continue rinsing. If irritation persists, call a physician. If swallowed, drink 1-2 glasses of water and call a physician or poison control centre (product contains alcohol ethoxylates) – do not induce vomiting unless they tell you to do so. Have the product container or label with you when calling or going for treatment.

## 5. Fire-fighting Measures

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| Flash Point (Method Used): | >200°F / >93.3°C (ASTM D-93 Pensky-Martens Closed Cup). |
| Flammable Properties:<br>Upper Flammable Limit:<br>Lower Flammable Limit: | <br>N/A<br>N/A |
| Explosive Limits: | UEL: N/A LEL: N/A |
| Auto-ignition Temperature: | N/A |
| Explosion Data (Sensitivity to Mechanical Impact): Explosion Data (Sensitivity to Static Discharge): | N/A<br>N/A |
| Extinguishing Media:<br>Suitable: CO2, water, dry chemical or “alcohol” foam. Use water to keep fire-exposed container cool.<br>Unsuitable: | <br>N/A |
| Protection of Firefighters: | |
| Specific Hazards Arising from the Material: | None. |
| Protective Equipment and Precautions for Firefighters: | No unusual precautions necessary. |

## 6. Accidental Release Measures

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| Personal Precautions: | See Section VIII below. |
| Environmental Precautions: | DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Do not landfill. Small(household) quantities may be disposed of via sewer with large quantities of water. Incineration is preferred where permitted. |
| Methods for Containment: | Prevent spills from reaching a waterway. |
| Methods for Cleanup: | Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair the leak. Absorb spilled product onto absorbent material. |
| Methods for Cleanup: | Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair the leak. Absorb spilled product onto absorbent material. |
| Other Information: | (if applicable) N/A |

## 7. Handling and Storage

Precautions To Be Taken in Handling: Handle in a well ventilated, cool and dry area.

Precautions To Be Taken in Storage: Storage must be in a well ventilated, cool and dry area.

## 8. Exposure controls and personal protection

Exposure Guidelines: N/A

Engineering Controls: Ventilation Mechanical (General): Normal/general dilution ventilation is acceptable.

Personal Protective Equipment (PPE):

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| Eye/Face Protection: | None required with normal consumer use. |
| Occupational Setting: | For splash protection, use chemical goggles. Eye Wash fountain is desirable. |
| Skin Protection: | None required with normal consumer use. |
| Occupational Setting: | Protective gloves (rubber, neoprene) should be used for prolonged direct contact. |
| Respiratory Protection: | None required with normal use. |

## 9. Physical and chemical properties

Information on basic physical and chemical properties:

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| Appearance (colour, physical form, shape): | Colored liquids (blue, red, pinkish/purple and orange). Packaged in a pourable plastic bottle. |
| Odor: | Products are perfumed. |
| Odor Threshold: | N/A |
| Physical State: | Liquid. |
| Vapor Pressure (mm Hg): | N/A |
| Vapor Density (Air=1): | N/A |
| Boiling Point: | N/A |
| Partition Coefficient (n-octanol/water): | N/A |
| Volatile Organic Compound (VOC): | Products comply with US State and Federal regulations for VOC content. |
| Flash Point (Method Used): | >200°F / >93.3°C<br>(ASTM D-93 Pensky-Martens Closed Cup.) |
| Reserve Alkalinity: | N/A |
| Solubility in Water: | Completely |
| Decomposition Temperature: | N/A |
| Evaporation Rate (nBuOAc=1): | Unknown |
| Specific Gravity/Density: | 1.019 g/cm3 |
| Melting/Freezing Point: | N/A |
| pH (neat): | 9.5 |

## 10. Stability and reactivity

Incompatible Materials:

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| Chemical Stability | : Stable |
| Conditions to Avoid | : None. |
| HazardoMaterials Products | : None known |
| Possibility of Hazardous Reactions | : None known |

## 11. Toxicological information

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| 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 |

All product ingredients were checked for NTP and IARC carcinogen listings relevant to this product formulation.

## 12. Ecological information

No concerns at relevant environmental concentrations.

## 13. Disposal considerations

Waste Disposal Method:
Disposal is to be performed in compliance with federal, state/provincial and local regulations.

Non-Household Setting (US 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).

California Hazardous Waste: Yes

Household Use:
Consumers may dispose of small (household) quantities down the drain with large
quantities of water. Discard empty container in trash or rinse and recycle container where facilities exist.

## 14. Transport information

Ground Transport (US DOT): Not regulated.

Air Transport (IATA): Not regulated.

Marine/Water Transport (IMDG): Not regulated.

## 15. Regulatory information

United States: All intentionally-added components of these products are listed on the US TSCA Inventory.

EPA Registration Number:  N/A

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

California: These products have been evaluated and do not require warning labeling under California Proposition 65.

California Registration Number:  N/A

## 16. Other information

Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37:Irritating to respiratory system; R41: Risk of serious damage to eyes. 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.