

## 1. Product and Company Identification

www.rxmarine.com

Product Name : Laundry Emulsifier (Conc)

Part Number : RXSOL-26-2631-025

### Company Details:

RX MARINE INTERNATIONAL

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Website [www.rxmarine.com](http://www.rxmarine.com)

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

## 2. Composition / Information on ingredients

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| Name of Substance    | Cas Number  | Wt. %     |
|----------------------|-------------|-----------|
| Non Ionic Surfactant | 64425-86-1  | 40 - 50 % |
| Non Ionic Surfactant | Proprietary | 30 - 40%  |
| propan-2-ol          | 69-63-0     | 10 - 15%  |

## 3. Hazards Identification

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Signal Word

Harmful

Hazard Statements

Causes skin irritation.

Causes serious eye damage.

Precautionary statements - prevention

Keep only in original container. Wash skin thoroughly after handling.  
Wear protective gloves/ protective clothing/ eye protection.

Precautionary statements - response

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CONTROL CENTRE or doctor.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical attention.  
Dispose of contents/container according to local, provincial and federal regulations.

## 4. First Aid Measures

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Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Inhalation:

If inhaled, If inhaled, remove to fresh air. If not breathing, give artificial

Ingestion:

respiration. If breathing is difficult, give oxygen. Call a physician.

If swallowed, do not induce vomiting. Allow victim to rinse his mouth and then to drink 2-4 cupfuls of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physicians

Treat symptomatically.

## 5. Fire-fighting Measures

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Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Protective Equipment

Use personal protective equipment.

Hazardous combustion products

Combustible liquid. Can ignite if heated. Vapours may travel considerable distance to a source of ignition and flash back. If in a fire or heated, container may experience a pressure rise and rupture. During fire, gases hazardous to health may be formed. Combustion products include oxides of carbon..

Advice for firefighters

Wear self-contained breathing apparatus. Wear full protective equipment.

Specific extinguishing methods

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

## 6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental Precaution

Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

## 7. Handling and Storage

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Advice on safe handling

Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling.

Storage

Keep away from oxidizing agents and heat. Store in a cool, dry, well-ventilated place. Keep container tightly closed when not in use.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas.

## 8. Exposure controls and personal protection

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Engineering Control

No further data; see section 7.

Personal Protection

Breathing equipment: Personal protection is not normally required.

Exposure Limits:

Hygiene measures

Protection of hands: Not required.

Eye protection: Tightly fitting safety glasses

| Ingredients | CAS No  | Form of exposure     | Permissible concentration        |
|-------------|---------|----------------------|----------------------------------|
| Propan-2-ol | 67-63-0 | OES Short-term value | 1250 mg/m <sup>3</sup> , 500 ppm |
|             |         | Long-term value      | 999 mg/m <sup>3</sup> , 400 ppm  |

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

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|                                 |                             |
|---------------------------------|-----------------------------|
| Form                            | Liquid                      |
| Colour                          | Clear                       |
| Odour                           | Characteristic              |
| Boiling point and boiling range | 100°C                       |
| Flash Point                     | 64°C                        |
| Freezing Point                  | Not determined              |
| pH                              | 6 -7 (1% Solution)          |
| Evaporation rate                | No data available           |
| Upper explosion limit           | No data available           |
| Lower explosion limit           | No data available           |
| Explosive properties            | Product is not explosive    |
| Vapor pressure                  | No data available           |
| Relative vapor density          | No data available           |
| Water solubility                | Soluble/Fully miscible      |
| Solubility in other solvents    | No data available           |
| Autoignition temperature        | No data available           |
| Bulk density                    | 0.85-0.95 g/cm <sup>3</sup> |
| Oxidizing properties            | No data available           |

## 10. Stability and reactivity

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|                                    |   |
|------------------------------------|---|
| Reactivity                         | None  |
| Stability                          | Stable under normal conditions.                             |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Incompatible materials             | Oxidizing agents  |
| Hazardous Decomposition            | No dangerous decomposition products known                   |
| Condition to Avoid                 | Avoid static discharge. Avoid heating.                      |
| Polymerization                     | Will not occur.   |

## 11. Toxicological information

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|                   |                                       |
|-------------------|---------------------------------------|
| Route of Exposure | Inhalation, Eye contact, Skin contact |
|-------------------|---------------------------------------|

|                                  |   |
|----------------------------------|---|
| Eyes                             | Strong irritant with the danger of severe eye injury. |
| Skin                             | Unlike to be irritant in normal use.                  |
| Sensitization                    | No sensitizing effect known.                          |
| Inhalation                       | May cause nose, throat, and lung irritation.          |
| Chronic Exposure                 | None Known  |
| Acute oral toxicity              | Not Determined  |
| Acute inhalation toxicity        | No data available                                     |
| Acute dermal toxicity            | No data available                                     |
| Respiratory / skin sensitization | No data available                                     |
| Carcinogenicity                  | No data available                                     |
| Reproductive effects             | No data available                                     |

## 12. Ecological information

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|                                |   |
|--------------------------------|---|
| Toxicity                       | No data available   |
| Toxicity to daphnia and others | No data available   |
| Toxicity to algae              | No data available   |
| Mobility in soil               | No data available   |
| Persistence and degradability  | No data available   |
| Bioaccumulative potential      | No data available   |
| General Note                   | Must not reach sewage water or drainage ditch undiluted or unneutralized. The surfactants used in this product are biodegradable in compliance with the requirements of EC Directives 73/404/EEC and 73/405/EEC and their subsequent amendments. When used for its intended purpose this product should not cause adverse effects in the environment. |

## 13. Disposal considerations

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|                |   |
|----------------|---|
| Remarks        | Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.   |
| Waste Disposal | The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility |

## 14. Transport information

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ADR/RID-GGVS/E Class

|                      |  |
|----------------------|--|
| UN Number            | 3802   |
| Proper shipping name | Environmentally hazardous substance, liquid, n.o.s. (alkyl alcohol ethoxylate )  |
| Class                | 9  |
| Comment              | According to ADR/RID marginal 2901a, combined packages of small quantities can be transported with an exemption from ADR/RID |
| Packing Group        | III  |

International Maritime Dangerous Goods Code (IMDG) : Not Regulated

## 15. Regulatory information

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|  |  |
|--|--|
| Classification according to EC guide line      | The product has been classified and labelled in accordance with current EC Directives.   |
| Symbol   | Harmful, Xn  |
| Ingredients responsible for the classification | Fatty Alcohol Ethoxylate   |
| Risk Phrases                                   | R 22 Harmful if swallowed<br>R 41 Risk of serious damage to eyes.  |
| Safety Phrases                                 | S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>S 39 Wear eye/face protection. |

## 16. Other information

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### Other Information

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