Material Safety Data Sheet

Laundry Emulsifier Surfactant (RXSOL-26-2631-005)

1. Product and Company Identifaction

Product Name	: Laundry Emulsifier (Conc)
Part Number	: RXSOL-26-2631-025

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

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Website	www.rxmarine.com

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

2. Composition / informationon ingredients

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

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

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

Ingestion:	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

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Protective Equipment	Use personal protective equipment.
Hazardous combustionproducts	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

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.
Enviromental 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

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

Engineering Control	No further data; see section 7.
Personal Protection	Breathing equipment: Personal protection is not normally required. Protection of hands: Not required. Eye protection: Tightly fitting safety glasses

Exposure Limits:

Ingredients	CAS No	Form of exposure	Permissible concentration
Propan-2-ol	67-63-0	OES Short-term value	1250 mg/m³, 500 ppm
		Long-term value	999 mg/m³, 400 ppm

Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Form	Liquid
Colour	Clear
Odour	Charachteristic
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/cm3
Oxidizing properties	No data available

10. Stability and reactivity

Recativity	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

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

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/EECand their subsequent amendments. When used for its intended purpose this product should not cause adverse effects in the environment.

13. Disposal considerations

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

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

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 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. S 39 W e ar eye/face protection.

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. 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.