Material Safety Data Sheet

Superwash Cleaner and Detergent (RXSOL-10-1102-220)

1. Product and Company Identifaction

Product Name	Superwash Cleaner and Dispesant
Part Number	RXSOL-10-1102-220

Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

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Email	mail@rxmarine.com
Website	www.rxmraine.com

2. Composition / informationon ingredients

Chemical Name	CAS No	Weight %
EDTA Tetrasodium salt	64-02-8	1.2
Isopropyl Alcohol	67-63-0	1.9
Secondary C12-14 alcohol ethoxylate	84133-50-6	6.7
Sodium Hydroxide	1310-73-2	3
Sodium Metasilicate	6834-92-0	2.9

3. Hazards Identification

Hazard Classification(s)	Eye Damage/Irritation - Category 2. Acute Aquatic Hazard - Category 3.
Signal Word	WARNING.
Hazard Statements	Causes eye irritation (H320). Harmful to aquatic life (H402).
Precautionary statements response	P264 - Wash thoroughly after handling. P273 - Avoid release to the environment P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. P337+P313 - If eye irritation persists: Get medical attention/advice. P501- Dispose of contents/container in accordance with local, state, federal and international regulation.

4. First Aid Measures

Inhalation	None normally required. Remove person from source of exposure to fresh air. Get medical attention if irritation develops.
Eye Contact	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.
Ingestion	Call a physician or a poison control center immediately. If swallowed, do not induce vomiting unless directed to do so by medical personnel.
Skin Contact	Wash affected areas with soap and water. Get medical attention immediately if irritation, redness or rash develops and persists.

5. Fire-fighting Measures

Fire And Explosion Hazards	Thermal decomposition ("burning") may evolve toxic and irritating decomposition byproducts.
Extinguishing Media	Non-combustible. Use the appropriate extinguishing media for the surrounding fire.
Fire Fighting Instructions	Move containers away from fire area if safe to do so. Water can be used to cool and protect exposed material.

6. Accidental Release Measures

Small Spillage	Small spills or releases can be wiped up with a sponge, cloth or other absorbent material. Released recovered product can be reused for general purpose cleaning, if desired.
Large Spillage	For large spills or releases, stop the flow of material and recover with wet/dry vac. Rinse area with water. Released recovered product may be used for general purpose cleaning, if desired.

7. Handling and Storage

Handling And Storage Precautions	Keep out of reach of children. Store container tightly closed in well-ventilated place. Wash hands thoroughly after handling.

8. Exposure controls and personal protection

Appropriate engineering controls	None normally required. Use with adequate general and local exhaust ventilation.
Eye/face protection	Safety glasses with side shields or goggles are recommended as minimum industrial eye protection when handling bulk product or performing spill cleanup.
Skin protection	Protective chemical-resistant gloves are recommended to minimize skin contact.
Respiratory protection	None normally required. General room ventilation is normally adequate. In case of inadequate ventilation, use a NIOSH-approved respirator.

9. Physical and chemical properties

Physical state	A milky clear liquid.
Colour	White
Odour	A slight characteristic odor.
Odor Threshold	Not Applicable
pH	11 ±0.5 At a Concentration Of 1% (as mixed)
Melting Point	215.6 °F
Boiling Point	No data available
Flash Point	>210 deg. F
Evaporation Rate	Not Applicable
Flammability (solid, gas)	non-flammable
Explosive limits	No Data Available
Upper/lower flammability or explosive limits	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Vapour pressure	23 mm Hg @ 25C

Density	0,845 g/cm3
Vapour Density	No Data Available
Freezing point	No data available
Specific Gravity	1.0293
Partition coefficient	No data available
Explosive properties	No data available
Solubility	completely (in water)
Relative density	No data available
Ignition temperature	No information available.
Particle characteristics	No data available
Viscosity	24 CPS (#2 spindle 50 rpm)

10. Stability and reactivity

Stability	Stable under recommended storage conditions.
Incompatible materials	Avoid contact with alkali earth metals and strong oxidizing agents.
Hazardous decomposition products	Thermal oxidation (i.e., "burning") may produce decomposition products of carbon dioxide and carbon monoxide.

11. Toxicological information

Eye Effects	Eye contact with liquid, mist or spray may cause eye irritation.
Skin Effects	Product is not a significant skin irritant based on toxicological tests.
Acute Oral Effects	May be harmful if swallowed. Ingestion of small amounts may cause gastrointestinal irritation and upset. Intentional ingestion of large quantities may cause central nenrvous system effects, cardiovascular depression and damage to the liver or kidneys.
Acute Inhalation Effects	There is insufficient information available for this product to assess acute inhalation toxicity. Product is not believed to be a significant respiratory irritant.
Chronic/Carcinogenicity	Neither the product overall nor any of its ingredients are known to be listed as potentially carcinogenic by NTP, IARC, OSHA or ACGIH.

Ingredient(s) - Toxicological Data	EDTA tetrasodium salt LD50 (oral, rat): 10 g/kg LD50 (oral, rabbit): 7 g/kg LD50 (oral, dog): 12 g/kg isopropyl alcohol LD50 (oral, rat): 2735 mg/kg LC50 (inhal, rat): 16,000 ppm/8hr LD50 (oral, mouse): 3600 mg/kg LD50 (oral, rabbit): 6410 mg/kg LD50 (dermal, rabbit): 12,800 mg/kg secondary C12-14 alcohol ethoxylate LD50 (oral, rat): >3,000 mg/kg Estimated LD50 (dermal, rabbit): >2,000 mg/kg Estimated sodium hydroxide LD50 (dermal, rabbit): 1,350 mg/kg LD50 (oral, rat): 140-340 mg/kg LDIo (oral, human): 1.57 mg/kg sodium metasilicate LD50 (oral, rat): 1153 mg/kg LD50 (oral, mouse): 770 mg/kg

12. Ecological information

Ecotoxicological Information	Harmful to aquatic organisms. Avoid release to sewers and waterways.

13. Disposal considerations

Disposal Considerations	Dispose in accordance with applicable federal, state and local government regulations. Dispose of bulk amounts in an environmentally responsible manner.

14. Transport information

Proper Shipping Name	Not regulated for transportation

15. Regulatory information

Safety, health and environmental regulations specific for the product in question	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulations	No data available
Chemical Safety Assessment	For this product a chemical safety assessment was not carried out.

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, how so ever arising, even if Rx Marine International has been advised of the possibility of such damages.