Material Safety Data Sheet

Efflorescence Cleaner (RXSOL-15-1118-025)

1. Product and Company Identifaction

Porduct Name	Efflorescence Remover
Part Number	RXSOL-15-1118-025

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	EC No	Whight
Phosphoric Acid	7664-38-2	231-663-2	10-30%
Ethoxylated Alcohol Mixture	66455-15-0, 68551-12-2	613-933-9, 500-221- 7	1-5%

3. Hazards Identification

Signal Word	Danger
Hazard Statements	H314 Causes severe skin burns and eye damage H318 Causes serious eye damage H302 Harmful if swallowed H332 Harmful if inhaled H402 Harmful to aquatic life H412 Harmful to aquatic life with long lasting effects
Precautionary statements	P264 Wash thoroughly after handling. P260 Do not breathdust/fume/gas/mists/vapours/spray. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P273 Avoid release to the environment
Supplemental Hazard Statements	None
Other hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

4. First Aid Measures

General advice	Treat symptoms and eliminate overexposure.
If inhaled	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
Eye Contact	If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists
Swallowed	If product is swallowed, call physician or poison center immediately. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.
Skin Contact	Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

Most important symptoms and effects, both acute and delaye	Exposure to skin and eyes may cause burns
Indication of any immediate medical attention and special treatment needed	No data available

5. Fire-fighting Measures

Suitable extinguishing media	Water Spray Foam Carbon Dioxide Dry Chemical
Unsuitable extinguishing media	Foam Water
Special hazards arising from the substance or mixture	Irritating and toxic fumes may be produced at high temperatures.
Further information	Prevent fire extinguishing water from contaminating surface water or the ground water system
Advice for firefighters	Incipient fire responders should wear eye protection Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.
Enviromental Precaution	Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils
Methods and materials for containment and cleaning	Collect material via broom or mop. Place in tightly sealed containers for proper disposal. Approach spill areas with caution. If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material.Place in leak-proof containers. Seal tightly for proper disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).
Reference to other sections	No data available

7. Handling and Storage

Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition.Take precautionary measures against static discharge.
Hygiene measures	Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.2.
Advice on safe handling	To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling.
Storage conditions	No data available
Storage class	No data available
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. Exposure controls and personal protection

Exposure parameter	Phosphoric Acid 7664-38-2 1 mg/m3 (TWA) 3 mg/m3 (STEL) 1 mg/m3 (TWA) 1 mg/m3 (TWA) 3 mg/m3 (STEL)
Engieneering control	Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132), or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

Eye/face protection	Safety glasses or goggles are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.
Body Protection	Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.
Skin protection	Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.
Respiratory protection	Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states
Control of environmental exposure	Do not let product enter drains.

9. Physical and chemical properties

Physical state	Liquid
Colour	Clear
Odour	Acidic Odor
Odor Threshold	No data available
pH	2
Melting Point	No data available
Boiling Point	No data available
Flash Point	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Specific gravity	0.91
Vapour pressure	No data available
Viscosity	No data available
Density	No data available
Relative Density	No data available
Partition coefficient	No data available
Explosive properties	No data available
Solubility	No data available
Particle characteristics	No data available

10. Stability and reactivity

Reactivity	This product is not reactive
Chemical stability	Stable under conditions of normal storage and use.
Possibility of hazardous reactions	Will not occur.
Conditions to avoid	Contact with ignition sources.
Incompatible materials	Strong caustics, powdered metals. Do not mix with solutions containing bleach or ammonia.
Hazardous decomposition products	Acids

11. Toxicological information

Acute toxicity	No data available
Skin corrosion/irritation	Skin irritation
Serious eye damage/irritation	Eye irritation

Respiratory or skin sensitization	Respiratory irritaiton
Carcinogenicity	No data available
Germ cell mutagenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	Skin and eye burns.
Additional Information	No data available

12. Ecological information

Persistence and degradability	No data available
Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity to bacteria	No data available
Toxicity to algae	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Endocrine disrupting properties	No data available
Other adverse effects	No data available

13. Disposal considerations

Waste Treatment Method	Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.

14. Transport information

UN number	ADR/RID:1805	IMDG:1805	IATA:1805
UN proper shipping name	ADR/RID:Phosphoric acid solution	IMDG:Phosphoric acid solution	IATA:Phosphoric acid solution
Transport hazard class(es)	ADR/RID:8	IMDG:8	IATA:8
Packaging group	ADR/RID:III	IMDG:III	IATA:III
Environmental hazards	ADR/RID:Yes	IMDG:Yes	IATA:Yes
Special precautions for user	No data available		
Further information	No data available		

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulations	Take note of Dir 94/33/EC on the protection of young people at work.
Chemical Safety Assessment	For this product a chemical safety assessment has been 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 weassume 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.