

## 1. Product and Company Identification

www.rxmarine.com

Product Name Efflorescence Remover

Part Number RXSOL-11-1118-005

### Company Details:

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

## 2. Composition / Information on ingredients

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

## 3. Hazards Identification

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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 breathe dust/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

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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

Skin Contact

Most important symptoms and effects, both acute and delaye

Indication of any immediate medical attention and special treatment needed

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.

Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

Exposure to skin and eyes may cause burns

No data available

## 5. Fire-fighting Measures

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

Suitable extinguishing media

Unsuitable extinguishing media

Special hazards arising from the substance or mixture

Further information

Advice for firefighters

Water Spray Foam Carbon Dioxide Dry Chemical

Foam Water

Irritating and toxic fumes may be produced at high temperatures.

Prevent fire extinguishing water from contaminating surface water or the ground water system

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

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

Personal precautions, protective equipment and emergency procedures

Environmental Precaution

Methods and materials for containment and cleaning

Reference to other sections

Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils

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).

No data available

## 7. Handling and Storage

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Advice on protection against fire and explosion

Hygiene measures

Advice on safe handling

Storage conditions

Storage class

Specific end use(s)

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.2.

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.

No data available

No data available

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. Exposure controls and personal protection

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Exposure parameter	Phosphoric Acid 7664-38-2 1 mg/m <sup>3</sup> (TWA) 3 mg/m <sup>3</sup> (STEL) 1 mg/m <sup>3</sup> (TWA) 1 mg/m <sup>3</sup> (TWA) 3 mg/m <sup>3</sup> (STEL)
Engineering 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

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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

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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

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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

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

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

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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

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

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

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Special precautions for user	No data available
Further information	No data available

## 15. Regulatory information

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

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

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Other Information

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