

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-17-1066  
Product Type Shower Bathroom Cleaner SBC

### Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number
PHOSPHORIC ACID	>10 by volume	7664-38-2
HYDROGEN CHLORIDE	> 3 by Volume	7647-01-0
Proprietary High Molecular Surfactant	...	...

## 3. Hazards Identification

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Odour	mint odor
Appearance	Water based clear, non-viscous, green liquid
Contact with eyes	Liquid or concentrated vapors can cause eye irritation, severe burns & permanent damage including blindness
Contact with skin	Liquid or concentrated vapors can cause burning of skin. Repeated or prolonged contact can cause irritation & dermatitis.
Inhalation	Hydrogen chloride gas, mist & vapor can cause respiratory tract irritation with burning, choking, coughing, headaches High concentrations &/or prolonged contact can cause inflammation & destruction of nasal passages & breathing difficulty may be delayed in onset.
Ingestion	Can cause severe burns of mouth, esophagus and stomach. Nausea, pain and vomiting frequently occur. Ulceration, inflammation, shock & unconsciousness can occur.

## 4. First Aid Measures

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Eye Contact:	Liquid or concentrated vapors can cause eye irritation, severe burns & permanent damage including blindness.
Skin Contact:	Liquid or concentrated vapors can cause burning of skin. Repeated or prolonged contact can cause irritation & dermatitis.
Ingestion	Can cause severe burns of mouth, esophagus and stomach. Nausea, pain and vomiting frequently occur. Ulceration, inflammation, shock & unconsciousness can occur.
Inhalation	Hydrogen chloride gas, mist & vapor can cause respiratory tract irritation with burning, choking, coughing, headaches High concentrations &/or prolonged contact can cause inflammation & destruction of nasal passages & breathing difficulty may be delayed in onset.

## 5. Fire-fighting Measures

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- **FLASH POINT AND METHOD USED:**-Non-combustible.
- **EXTINGUISHER MEDIA:**-Non-combustible. Use agents as appropriate for materials in surrounding fire.
- **SPECIAL FIRE FIGHTING PROCEDURES :** Non-combustible. Use clothing & safety equipment as may be suitable for phosphoric acid,

hydrochloric acid &  
materials in the surrounding fire. acid & materials in the surrounding fire.

## 6. Accidental Release Measures

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Respiratory Protection ( specify type) : Not normally needed at ambient temperatures. Under fire conditions, use approved self-contained breathing apparatus with full face piece.

Protective Gloves : Neoprene or PVC.

Eye Protection: Chemical goggles, face shield where splashing is possible

Other Protective Clothing & Equipment : Safety showers & eyewash stations. Neoprene or PVC rain suit & boots, if needed.

Hygienic Work Practices : Avoid contact with skin. Avoid breathing vapors. Do not eat, drink or smoke in work area. Wash hands after handling contaminated clothing.

Ventilation Requirements : As necessary to maintain air concentrations of hydrogen chloride below 5 ppm at all times. Special ventilation is not needed.

## 7. Handling and Storage

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Steps To Be Taken If Material Is Spilled Or Released: Contain spill & prevent run off into ground & surface waters or sewers. Neutralize with soda ash. Recover neutralized material in properly labeled non-leaking containers for proper disposal.

Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.

Storage: Store in original shipping containers. Keep closed when not in use. Do not store near strong alkalis or other reactive materials. Shelf life: 1 year. Protect from extreme heat and cold.

Other Precautions & / or Special Hazards : KEEP OUT OF REACH OF CHILDREN.

## 8. Exposure controls and personal protection

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FLASH POINT AND METHOD USED: Non-combustible.

EXTINGUISHING MEDIA: Non-combustible. Use agents as appropriate for materials in surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES : Non-combustible. Use clothing & safety equipment as may be suitable for phosphoric acid, hydrochloric acid & materials in the surrounding fire.

## 9. Physical and chemical properties

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Appearance: Water based clear, non-viscous, green liquid

Odor: mint odor

Boiling Point: Not known

Vapor Pressure: N/A

Solubility in Water: Miscible

Specific Gravity (H<sub>2</sub>O=1): 1.27

Evaporation Rate: Not known

Water Reactive: None

## 10. Stability and reactivity

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- **Incompatibility (Mat. to avoid):** Bases, metals, mercuric sulfate, perchloric acid, carbides, acetylides, phosphides & silicides.

- **Conditions to Avoid:** Excessive heat will volatilize hydrogen chloride (hydrochloric acid) gas.

## 11. Toxicological information

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Toxicological information	No experimental data available.
Inhalation	Hydrogen chloride gas, mist & vapor can cause respiratory tract irritation with burning, choking, coughing, headaches, High concentrations &/or prolonged contact can cause inflammation & destruction of nasal passages & breathing difficulty may be delayed in onset.
Contact with skin	Liquid or concentrated vapors can cause burning of skin. Repeated or prolonged contact can cause irritation & dermatitis.
Contact with eyes	Liquid or concentrated vapors can cause eye irritation, severe burns & permanent damage including blindness.
CHRONIC EFFECTS:	Repeated episodes of tissue damage may result in accumulation of scar tissue
Ingestion	Can cause severe burns of mouth, esophagus and stomach. Nausea, pain and vomiting frequently occur. Ulceration, inflammation, shock & unconsciousness can occur.
Medical Conditions Generally Aggravated by Exposure	Asthma, bronchitis, emphysema & other lung conditions & chronic nose, sinus or throat conditions.

## 12. Ecological information

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

## 13. Disposal considerations

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

## 14. Transport information

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

## 15. Regulatory information

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## 16. Other information

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