1. Product and Company Identifaction

www.rxmarine.com

Product Name RXSOL-17-1068

Product Type Phosphoric Acid Cleaner Disinfectant (Blast)

Company Details:

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

Phone +91 22 65113333 / 5555 / 9999 / 27611360 Fax +91 22 2781 1318 :::AOH :0091 9821214367

Email <u>mail@rxmarine.com</u>

2. Composition / Information on ingredients

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Chemical Name	SARA-III LIST	CAS Number	OSHA PEL (ppm)	ACGIH TLV (ppm)	C R
PHOSPHORIC ACID	Yes	7664-38-2	1mg/m3	1mg/m3	d
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	No	68391-01-5	N/E	N/E	d
ALKYL DIMETHYL ETHYL BENZYL AMMONIUM CHLORIDE	No	68956-79-6	N/E	N/E	d
BUTYL CELLOSOLVE	Yes	111-76-2	25	25	d

3. Hazards Identification

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Odour buytl fragrance

Appearance clear, non-viscous, liquid

Contact with eyes Liquid can cause eye irritation, severe burns & permanent damage including

blindness.

Contact with skin Liquid can cause burning of skin. Repeated or prolonged contact can cause

irritation & dermatitis.

Inhalation Mist & spray can cause respiratory tract irritation with burning, choking, coughing. High concentrations &/or prolong

cause inflammation & destruction of nasal

passages & breathing difficulties, which may be delayed in onset.

Ingestion Can cause severe burns of mouth, esophagus and stomach. Nausea, pain and vomiting can occur.

4. First Aid Measures

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Eye Contact: Irrigate with large quantities of water, lifting upper and lower eyelids occasionally. Get medical attention.

Skin Contact: Remove contaminated clothing & wash skin with large quantities of water. If irritation persists, get medical attention.

Ingestion DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention. Inhalation Remove to fresh air. If breathing stops, give artificial respiration. Get immediate medical attention.

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 PROCEDURE S:** Non-combustible. Use clothing & safety equipment as may be suitable for phosphoric 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 apparatu

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 WorkPractices: Avoid contact with skin. Do not eat, drink or smoke in work area. Wash hands after handling. Remove contamianted

Ventilation Requirements: As necessary to maintain air concentrations below 1mg/m3 at all times. Special ventilation is not normally needed.

7. Handling and Storage

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Steps To Be Taken If Material Is Spilled Contain spill & prevent run off into ground & surface waters or sewers. Neutralize with soda ash. Recover neutral

Or Released: 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 m

1 year. Protect from extreme heat and cold.

Other Precautios & / or Special Hazar s KEEP OUT OF REACH OF CHILDREN

8. Exposure controls and personal protection

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FLASH POINT AND Non-combustible.

METHOD USED

EXT INGUISHER MEDIA: Non-combustible. Use agents as appropriate for materials in

surrounding fire.

SPCIAL FIRE FIGHTING PROCEDURES:

Non-combustible. Use clothing & safety equipment as may be suitable for phosphoric acid & materials in the surround

9. Physical and chemical properties

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Appearance: clear, non-viscous, liquid

Odor buytl fragrance.

Boiling Point: 215°F
Vapor Pressure: N/A
Solubility in Water: Miscible
Specific Gravity (H2O=1): 1.06
Evaporation Rate 1.0
Water Reactive: None

10. Stability and reactivity

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- **Incompat ibility (Mat. to avoid):** Incompatibility (Mat. to avoid): Bases, metals, mercuric sulfate, perchloric acid, carbides, acetylides, phosphides & silicides.
- Condi t ions to Avoid: None

11. Toxicological information

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Toxicological information No experimental data available.

Inhalation Mist & spray can cause respiratory tract irritation with burning, choking, coughing. High concentrations &/or prolonge

cause inflammation & destruction of nasal

passages & breathing difficulties, which may be delayed in onset.

Contact with skin Liquid can cause burning of skin. Repeated or prolonged contact can cause

irritation & dermatitis.

Contact with eyes Liquid 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 can occur.

Medical Conditions General ly Ag

gravated by Exposure

Contact may further irritate any pre-existing lesions.

12. Ecological information

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13. Disposal considerations

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14. Transport information

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15. Regulatory information

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16. Other information

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