Material Safety Data Sheet

Phosphoric Acid Cleaner Low Foam Food Plant (RXSOL-17-1070-025)

1. Product and Company Identifaction

Product Name	RXSOL-17-1070
Product Type	Phosphoric Acid Cleaner Low Foam Food Plant (CLASS)

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	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical Name	CAS Number	SARA-III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source
PHOS PHORIC ACID	7664-38-2	Yes	1mg/m3	1mg/m3	d

3. Hazards Identification

Appearance	clear, non-viscous, liquid
Odour	buytl fragrance.
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 prolonged contact can 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

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 VOMI T ING. 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

- **FLASH POINT AND METHOD USED**:-Non-combustible, water based.
- **EXTINGUISHER MEDIA:**-Non-combustible. Use agents as appropriate for materials in surrounding fire.
- **SPECIAL FIRE FIGHTING PROCEDURE S :** Non-combust ible. Use clothng & safety equipment as may be suitable for phosphoric acid & materials in the surrounding fire.

6. Accidental Release Measures

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 stat ions. Neoprene or PVC rain sui t & boots, i f needed.
Hygienic WorkPractices :	Avoid contact wtih skin. Do not eat, drink or smoke in work area. Wash hands after handling. Remove contamianted clothing
Ventilation Requirements :	As necessary to maintain air concentrations below 1mg/m3 at all times. Special ventilation is not normally needed.

7. Handling and Storage

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 products into 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 Precautios & / or Special Hazar s :	KEEP OUT OF REACH OF CHILDREN

8. Exposure controls and personal protection

FLASH POINT AND METHOD USED	Non-combustible, water based.
EXT INGUISHER MEDIA:	NNon-combustible. Use agents as appropriate for materials in surrounding fire.
SPCIAL FIRE FIGHTING PROCEDURES :	Non-combust ible. Use clothng & safety equipment as may be suitable for phosphoric acid & materials in the surrounding fire.

9. Physical and chemical properties

Appearance:	clear, non-viscous, liquid
Odor	buytl fragrance.
Boiling Point:	215ºF
Vapor Pressure:	N/A
Vapor Density (Air = 1):	.88
Solubility in Water:	Miscible
Specific Gravity (H2O=1):	1.06
Evaporation Rate	1.0
Water Reactive:	None

10. Stability and reactivity

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

11. Toxicological information

Toxicological information	No experimental data available.
Inhalation	Mist & spray can cause respiratory tract irritation with burning, choking, coughing. High concentrations &/or prolonged contact can 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 vomi t ing can occur .
Medical Conditions General ly Ag gravated by Exposure	Contact may further irritate any pre-existing lesions

12. Ecological information

13. Disposal considerations

14. Transport information

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15. Regulatory information

16. Other information