Material Safety Data Sheet

Toilet Bowl Urinal Cleaner Disinfectant Gel (RXSOL-17-1060-025)

1. Product and Company Identifaction

Product Code	RXSOL-17-1060-025
Product Type	Toilet Bowl Urinal Cleaner Disinfectant Gel

Company Details:

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

Stock Point ::: Mumbai, Kandla, Kolkata, Chennai, Vizag, SUrat, Fujairah, Muscat

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Hazardous Components	CAS Number	SARA III LIST	OSHA PEL ppm	ACGIH TLVppm
HYDROCHLORIC ACID	7647-01-0	Yes	5	5
Formic Acid	64-18-6	yes	5	5
Proprietory Surfactant Thickner Blend	---	---	---	---

3. Hazards Identification

PRIMARY ENTRY ROUTES	Symptoms
ACUTE EFFECTS	
Inhalation:	Irritant causing burning, choking, coughing, headache.
Eye Contact:	Irritation, severe burns & permanent damage including blindness.
Skin Contact:	Burning, irritation, dermatitis.
Ingestion:	Unlikely route-causes severe burns to internal organs.
CHRONIC EFFECTS:	None known.
Medical Conditions Generally Aggravated by Exposure:	Skin, eye, mucous membrane irritation.

4. First Aid Measures

Eye Contact:	Wash eyes for 15 minutes. Get immediate medical attention.
Skin Contact:	Remove contaminated clothing, wash skin with water for 15 minutes.
Inhalation:	Move to fresh air. Get medical attention.
Ingestion:	DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.

5. Fire-fighting Measures

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols)	N/A
Auto Ignition Temperature	N/A
Flammability Limits in Air by % in Volume:	
% LEL:	N/A
% UEL:	N/A
FLASH POINT AND METHOD USED (non-aerosols):	None
SPECIAL FIRE FIGHTING PROCEDURES:	Wear NIOSH approved breathing apparatus & full protective gear when fighting fires. Spray containers with water to keep cool & prevent ruptures.
EXTINGUISHER MEDIA:	Non-Combustible.
Unusual Fire & Explosion Hazards:	Avoid exposure to metals, oxidants which might product flammable hydrogen gas.

6. Accidental Release Measures

STABILITY	[X] STABLE [ ] UNSTABLE
HAZARDOUS	POLYMERIZATION [ ] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid):	Bases, metals, mercuric sulfate, carbides of calcium, cesiam, rubidium.
Conditions to Avoid:	Contact with strong bases can cause violent reaction generating large amounts of heat.
Hazardous Decomposition Products:	Hydrogen gas.

7. Handling and Storage

Steps To Be Taken If Material Is Spilled Or Released:	Contain fluid by diking. Neutralize with soda ash or baking soda.
Waste Disposal Methods:	Neutralize material may be washed down the sewer. Absorbed material to be boxed and disposed of in compliance with local, state and federal regulations.

Precautions To Be Taken In Handling & Storage:	Store in closed labeled containers. Keep in cool, metal free area for not more than one year
Other Precautions /or Special Hazards:	KEEP OUT OF REACH OF CHILDREN. Do not store near strong alkalies or other reactive materials.

8. Exposure controls and personal protection

Respiratory Protection (specify type):	Approved self-contained breathing apparatus when use concentrations exceed 100 ppm HCI vapors.
Protective Gloves:	Neoprene.
Eye Protection:	Chemical goggles or face shield.
Ventilation Requirements:	As necessary to maintain air concentration below 5 ppm at all times.
Other Protective Clothing & Equipment:	Neoprene or PVC rain suit & boots in case of fire. Safety showers & eyewash stations should be available
Hygienic Work Practices:	Wash hands after use. Do not eat, drink or smoke in immediate area.

9. Physical and chemical properties

Boiling Point:	212ºF
Specific Gravity (H2O=1):	1.05
Vapor Pressure: PSIG @ 70°F (Aerosols):	N/A
Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):	N/A
Vapor Density (Air = 1)	N/A
Evaporation Rate (water1)	1
Solubility in Water	Total
Water Reactive	None
Appearance and Odor	White fluid with acid fragrance.

10. Stability and reactivity

STABILITY	[X] STABLE [ ] UNSTABLE
HAZARDOUS	POLYMERIZATION [ ] WILL [X] WILL NOT OCCUR
Materials to avoid	Bases, metals, Mercuric sulfate, Carbides of calcium, cesiam, rubidium, Aluminium

Conditions to Avoid	Contact with strong bases can cause violent reaction generating large amounts of heat.
Decomposition Products:	Hydrogen gas.

11. Toxicological information

Toxicological information	No experimental data available.
Inhalation	Irritant causing burning, choking, coughing, headache.
Contact with skin	In cases of severe exposure, irritation may develop.
Contact with eyes	Irritation, severe burns & permanent damage including blindness
CHRONIC EFFECTS:	Not known
Ingestion	Unlikely route-causes severe burns to internal organs.
skin contact	Burning, irritation, dermatitis.
Medical Conditions Generally Aggravated by Exposure:	Skin, eye, mucous membrane irritation.

12. Ecological information

Ecotoxicological information: Not available

Other information: Not available

13. Disposal considerations

Waste disposal: Disposal of all waste must be done according to local, provincial and federal regulations.

14. Transport information

Proper shipping name (international) Phosphoric Hcl Formic acid mixture, liquid

ROAD TRANSPORT (ADR):

UN no. road 1805
ADR class Class 8: Corrosive substances.
ADR packing group III
Hazard no. (ADR) 80

RAIL TRANSPORT (RID):
RID class no. 8
RID packing group III

SEA TRANSPORT (IMDG):
UN no. sea 1805
IMDG class 8
IMDG packing group III
EmS no. F-A, S-B

AIR TRANSPORT (IATA/ICAO):
UN no., air 1805

IATA/ICAO class 8
IATA/ICAO packing group III

15. Regulatory information

WHMIS: E Corrosive material

Contain : phosphoric, Hcl, Formic acid

Safety Phares :

R-34 Causes burns.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. 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 we assume 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 Rx Marine International 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.