



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-19-1152-050
DIPHENYL

Material Safety Data Sheet (MSDS)

www.rxmarine.com

1. Product and Company Identification

Product Name	RXSOL-17-1061
Product Type	Heavy Toilet & Urinal Cleaner / HCL (De-Min 24)

Company Details:

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

Stock Point : Kandla - Gandhidham, Mumbai, Kolkata, Visakhapatnam, Chennai, Fujairah

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 ::::AOH :0091 9821214367
Email	mail@rxmarine.com

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2. Composition / Information on ingredients

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
HYDROCHLORIC ACID	7647-01-0	Yes	5	5	d
Citric Acid					
Oxalic Acid					
Phosphoric Acid					

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3. Hazards Identification

PRIMARY ROUTES OF ENTRY:	[X] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS
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

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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

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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 produce flammable hydrogen gas.

6. Accidental Release Measures

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

Hazardous Decomposition Products:	Hydrogen gas.
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7. Handling and Storage

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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

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Respiratory Protection (specify type):	Approved self-contained breathing apparatus when concentrations exceed 100 ppm HCl 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

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Boiling Point:	212°F
Specific Gravity (H ₂ O=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 (water= 1):	1
Solubility in Water:	Total
Water Reactive:	None

Appearance and Odor:	Red / Blue fluid with mint fragrance.
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10. Stability and reactivity

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

11. Toxicological information

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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

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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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