

1. Product and Company Identification

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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

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2. Composition / Information on ingredients

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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)
HYDROCHLORIC ACID	7647-01-0	Yes	5	5
Citric Acid				
Oxalic Acid				
Phosphoric Acid				

3. Hazards Identification

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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 N/A
PROJECTION TEST (aerosols)
Auto Ignition Temperature N/A
Flammability Limits in Air by % in

Volume:

% LEL: N/A

% UEL: N/A

FLASH POINT AND METHOD USED None
(non-aerosols):

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved breathing apparatus & full protective gear when fighting fires. Spray containers with water to 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

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STABILITY ☒ STABLE ☐ UNSTABLE

HAZARDOUS POLYMERIZATION ☐ WILL ☒ 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.

7. Handling and Storage

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Steps To Be Taken If Material Is Spilled Contain fluid by diking. Neutralize with soda ash or baking soda.

Or Released:

Waste Disposal Methods: Neutralize material may be washed down the sewer. Absorbed material to be boxed and disposed of in compliance with 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

Storage:

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 (H₂O=1): 1.05

Vapor Pressure: PSIG @ 70°F N/A

(Aerosols):

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.

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 Skin, eye, mucous membrane irritation.
Aggravated by Exposure:

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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