



# RX1 RUST CONVERTER

## MATERIAL SAFETY DATA SHEET

**Last Revised: 15 January 2025**

### Substance/ Preparation and company identification

Warrior Pte Ltd

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### Composition/information on ingredients

INGREDIENTS	PERCENTAGE (%)	CAS NUMBER
Inhibitors	5 – 8 %	-
Acid	15 – 20 %	-
Water	70 – 80 %	-

### Hazard identification

Material is destructive to tissue of mucous membranes and upper respiratory tract, eyes and skins.

Inhalation may cause coughing, difficult breathing and may results in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema.

Liquid may cause severe pain to skin and eyes when contacted. Ingestion is harmful and may be fatal.

### First-aid measures

#### If ingested:

- Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

#### If inhaled:

- Move the affected person to open space with fresh air. If the person stops breathing, give artificial respiration immediately. Get medical attention.

#### On skin contact:

- In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing and clean shoes before reuse.

#### On eye contact:

- Immediately flush with plenty of water for at least 30 minutes. Lifting lower and upper eyelids occasionally. Get medical attention.

### Fire-fighting measures

- Extinguish using water, carbon dioxide, dry chemical or foams.



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### Accidental release measures

#### Personal Precaution:

- Appropriate protective equipment must be worn when handling a spill of this material.

#### Methods for cleaning up or taking up:

- Absorb spills with inert material (vermiculite, dry sand and earth) and place in a chemical waste container.
- Do not flush to sewer. Contact a licensed professional waste disposal service to dispose of this material.

### Handling and storage

#### Handling:

- A system of local and/or general exhaust is recommended to keep users from exposures below the Airborne Exposure Limits (5ppm).
- Chemical safety goggles, acid resistant gloves and acid respiratory mask. Avoid contact with eyes, skin or clothing. Do not breathe in vapor. Wash thoroughly after handling.

#### Storage:

- Keep container tightly closed and away from heat and moisture. Store in a cool dry place. Store away from common metals, amines, metal oxides, acetic anhydride, propiolactone, vinyl acetate, mercuric sulfate, calcium phosphide, formaldehyde and strong bases.

### Physical and chemical properties

- **Appearance** Slight yellow colorless liquid
- **Odour** Pungent
- **Flash point** Not Applicable
- **Solubility in water** Soluble
- **Solubility in ethanol** Soluble
- **Solubility in ether** Soluble

### Disposal Considerations

- Send to authorized disposal company for proper disposal according to local regulations.

### Other Information

- Any other intended applications should be discussed with the manufacturer.
- If you have any queries relating to this MSDS, its contents or any other product safety related questions, please write to the following e-mail address: war99@singnet.com.sg
- The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.