

MATERIAL SAFETY DATA SHEET

TRICHLOROACETIC ACID AQUEOUS SOLUTION

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Product/Chemical Name: TRICHLOROACETIC ACID AQUEOUS SOLUTION

Formula: $\text{Cl}_3\text{CCO}_2\text{H}$ Formula Weight: 164.3

Physical Description: Clear, colorless liquid, with slight pungent odor

Special Hazards: Self-contained breathing apparatus required.

Unusual Fire/Explosion Hazards: Concentrated solution may form toxic and corrosive vapors from exposure to extreme heat of nearby fire.

Reactivity: Stable. Dilute solutions (less than 30%) will decompose to produce toxic vapors of chloroform, hydrogen chloride and carbon monoxide.

Hazardous Decomposition Products: Chloroform, HCl, CO

Spill or Leak Procedures

Action: Ventilate area, wipe up as much as possible, wearing rubber gloves, flush area with dilute alkaline solution.

Disposal Method: To be performed in compliance with all current local, state and federal regulations.

Threshold Limit Value: None established TXDS: Orl-mus LF50: 5640 mg/kg

Orl-rat LF50: 3300 mg/kg

Overexposure Effects: Contact with skin or eyes can result in severe burns. Vapors emanating from material or its dilute solutions cause irritation to nasal respiratory passages, headache and narcosis.

First Aid Procedures

Skin: Contact with exposed skin, rinse with running water and thoroughly wash with mild non-abrasive soap. If chemical got onto a clothed portion of body, remove contaminated clothing and place victim under a deluge shower. Pay particular attention to creases, crevices, folds and groin. Seek medical attention.

Eyes: Check for and remove any contact lenses. Immediately flush with water for 15 minutes, keeping eyelids open. Do not use an eye ointment. Get medical attention.

Ingestion: Check for and remove any dentures. Do NOT induce vomiting. Loosen tight clothing. Seek immediate medical attention.

Inhalation: Remove to fresh air, give oxygen if necessary and get medical attention.

Storage Recommendations: Store at room temperature.

Special Protection Information

Exhaust ventilation recommended. Protective gloves and safety goggles required.

Special Handling Precautions

DOT Hazard Class: Corrosive Material