

MATERIAL SAFETY DATA SHEET

DICHLOROACETIC ACID

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Product/Chemical Name: DICHLOROACETIC ACID

Formula: CHCl_2COOH

Physical Description: Clear liquid, slight pungent odor
Molecular Mass: 128.94 g/mol Boiling Point: 194°C Soluble in water

Special Hazards: Contact with skin or eyes can result in severe burns.

Unusual Fire/Explosion Hazards: Toxic and corrosive vapors result from extreme heat or nearby fire.

Reactivity: Stable

Hazardous Decomposition Products: Chlorine

Spill or Leak Procedures

Action: Ventilate area, pick up as much as possible and flush with dilute alkaline solution.

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

Threshold Limit Value: N/A

Overexposure Effects: Vapors emanating from material or its dilute solutions cause irritation of nasal and respiratory passages, headache, and narcosis.

Potential Carcinogen: No

First Aid Procedures

Skin: If chemical gets onto clothed part of body, remove contaminated clothing, protecting your own hands and body. Place victim in a deluge shower. Be particularly careful to clean folds, crevices, creases and groin area. If chemical gets onto victims exposed skin, such as hands, gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Cold water may be used. Seek medical attention.

Eyes: Check for and remove any contact lenses. Flush with plenty of water for 15-20 minutes, keeping eye lids open. Cold water may be used. Do not use an eye ointment. Seek immediate 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. Get medical attention.

Storage Recommendations: Store at room temperature.

Special Protection Information

Exhaust ventilation, protective gloves and safety goggles recommended.

Special Handling Precautions

DOT hazard class: Corrosive material