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THE BTTCO OVERSEAS

A Govt. of India Recognized *Star Export House*

from local roots to global routes

Material Safety Data Sheet
Monochloroacetic Acid

Section 1- Chemical Product and Company Identification

Trade / Commercial Name : Monochloroacetic Acid
Chemical Name : Monochloroacetic acid, solid
Formula : $C_2H_3ClO_2$
Chemical Family Synonyms : Chloroacetic Acid; Chloroethanoic acid; MCA; Monochloro ethanoic acid; alpha-chloroacetic acid
CAS No : 79-11-8
UN No : 1751
Hazchem Code : 2r
ERG No : 153
EAC : 55

Company Name and Address: The BTTCO Overseas
6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall,
Navrangpura, Ahmedabad – 380009

Telephone number : +91-94265 96891
Contact Person : Dinesh Lunkad

Section 2 - Composition/Information On Ingredients

Hazardous Components : Monochloroacetic acid, solid

Section 3 - Hazards Identification

Poison Poisonous; could be fatal if inhaled, swallowed or absorbed through skin. Contact could cause burns to skin and eyes. Runoff from fire control or dilution water could give off poisonous gases and cause water pollution. Fire could produce irritating or poisonous gases.

Section 4 - Emergency And First Aid Procedures

Eyes : Flush eyes with water for 15 minutes.
Hold eyelids open while washing.

Skin : Immediately remove contaminated clothing, including shoes. Flush body with plenty of water for at least 15 minutes.

Inhalation : IMMEDIATELY remove to fresh air.
Have victim lie down and keep warm.

Ingested : Not applicable.

Section 5 - Fire Fighting Measures

Small Fires : Dry chemical, CO2, Halon, water spray or standard foam.

Large Fires : Water spray, fog or standard foam is recommended. Move container from fire area if you can do it without risk. Fight fire from maximum distance. Stay away from ends of tank. Dike fire control water for later disposal;do not scatter the material. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas, and ventilate closed spaces before entering. Positive-pressure self-contained breathing apparatus (SCBA) and chemical protective clothing that is specifically recommended by the shipper or manufacturer may be worn. It will provide little or no thermal protection. Structural firefighter's protective clothing is NOT effective with these materials. Remove and isolate contaminated clothing at the site.

Section 6 - Accidental Release Measures

Full protective clothing including breathing apparatus.
Dilute (substance may be washed to drain with a lot of water)

Precautions : Restrict access to area. Provide adequate protective equipment and ventilation. Remove sources of heat and flame. Notify occupational and environmental authorities.

Spill Or Leak : Do not touch spilled material. Stop leak if you can do it without risk.

Small Spills : Take up with sand or other non-combustible absorbent material And place into containers for later disposal.

Small Dry Spills : With clean shovel place material into clean, dry container and cover; move container from spill area.

Large Spills : Dike far ahead of liquid spill for later disposal.

Section 7 - Handling And Storage

Separation of at least 3M from the following classes is recommended. Corrosives. Fire separation of at least 5M or 4Hr fire resistant wall from the following classes is recommended. Flammable Gases. Flammable Liquids. Flammable Solids Spontaneously Combustibles. Dangerous When Wet Oxidizing Agents.

Storage in the same room or space is prohibited with the following classes: The rooms or spaces should be at least 10M apart & Explosives Organic Peroxides.

Section 8 - Exposure Controls/Personal Protection Information

Occupational Exposure Limits : No Exposure Limits Established

Controls : The control measures appropriate for a particular worksite depend On how this material is used and on the extent of exposure. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release.
Use a non-sparking, grounded ventilation system separate from Other exhaust ventilation systems. Exhaust directly to the outside. Supply sufficient replacement air to make up for air removed. Have a safety shower

Personal Protection : If engineering controls and work practices are not effective in Controlling this material, then wear suitable personal protection Equipment, including chemical safety goggles & face shield, boots, Imperious gloves, coveralls, & respiratory protection. Have appropriate equipment available for use in emergencies.

Section 9 - Physical & Chemical Properties

Apperance : Colourless, very deliquescent crystals.

Boiling Point : 189OC

Melting Point : (a) 63OC (b) 56OC (t) 50OC

Density : 1.58 @ 20 °C /20O °C

Vapour Density : 3.26
Flash Point : 259 °F

Section 10 - Reactivity Data

Conditions to Avoid : When heated to decomp emits toxic fumes of cl-
Incompatible Materials : Other

Section 11 - Toxicological Information

Not Applicable

Section 12 - Ecological Information

No ecological problems are expected when the product is handled and used with due care.

Section 13 - Disposal Consideration

Disposal Method Product : There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Disposal Method Packaging : Disposal in accordance with local legal provisions.

Section 14 Transport Information

Proper Shipping Name : CHLOROACETIC ACID, SOLID (MONOCHLOROACETIC ACID)
UN No : 1751
Hazchem Code : 2r
ERG No : 153
EAC : 55
IMDG Code : 8134
IMDG-Packaging Group : II
Marine Pollutant : No
Class Class : 6.1 Poison Group: II

Subsidiary Risks : Class 8- Corrosive
Tremcard Number : 57/80G05

Section 15 Regulatory Information

EEC Hazard Classification : 6.1
Risk Phases : Toxic by inhalation, in contact with skin and if swallowed
Causes severe burns
Safety Phases : Do not breathe dust, Wear suitable protective clothing, gloves and eye/face protection
National Legislation

Section 16 Other Information

Reason for Alteration : General update

Disclaimer:
This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. While this information and recommendations set forth are believed to be accurate as of the date hereof, BTTCOGROUP makes no warranty with respect hereto and disclaims all liability from reliance thereon.

Date: 01.04.2025
Place: Ahmedabad, Gujarat, India