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SECTION 1: PRODUCT IDENTIFICATION

Product/Trade Name:

Acetic Acid

Chemical Family:

Carboxylic Acid

Chemical Name:

Acetic Acid

Synonyms:

Glecial Acetic Acid; Ethanoic Acid; methane Carboxylic Acid

CAS Name & Number:

Acetic Avid: 64-19-7

Molecular Formula:

CH₃COOH

Molecular Weight:

60.053

Appearance:

Clear colorless liquid or white crystalline solid, according to temperature.

Odor:

Pungent and vinegar like.

SECTION 2: THE MAIN HAZARD

Corrosive

SECTION 3: EMERGENCY AND FIRST AID PROCEDURES

Fire:

Extinguish with alcohol foam, water spray, dry chemical or carbon dioxide.

Keep containers cool with water spray. Fire fighters should wear full protective clothing and self-contained breathing apparatus.

Product in Eye:

Immediately flood with copius quantities of water for 15 minutes, holding the eye open. Obtain medical attention.

Product on Skin:

Immediately wash with water, preferably under a shower, removing contaminated clothing as washing proceeds.

Continue washing for at least 5 minutes. Obtain medical attention if irritation persists or if blistering occurs.

Contaminated clothing should be washed or dry cleaned before reuse.

Product Inhaled:

Remove from exposure. Keep warm and at rest. If there is respiratory distress, give oxygen. If respiration stops, or shows signs of failing, apply artificial respiration. Obtain medical attention.

Product Ingested:

Wash out mouth with water; give plenty of water or other fluids to drink. Obtain medical attention urgently. DO NOT induce vomiting. Treatment may be needed for PAIN and SHOCK.

Spillage:

Avoid contact with liquid. Eliminate all sources of ingestion. Wear full protective clothing and goggles. Large spillage should be contained with sand or earth and diluted with water. Wash away spills with large amounts of water. Inform Authorities if a major spillage occurs.

Note for Doctors:

Local corrosive effects predominate. Low acute systemic toxicity. Severe inhalation exposure may cause pulmonary oedema. No specific antidotal treatment, systematic support required. No known delayed effects after single exposure apart from consequences of local tissue damage.