

AERCHEM INC.
320 North Walnut
Bloomington, IN 47404

Tel: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 1998

Product Name: Methacycline Hydrochloride

Molecular Formula: C₂₂H₂₂N₂O₈

CAS No.: 3963-95-9

SECTION 2: HAZARDOUS INGREDIENTS: This material has been shown to cause reproductive disorders in laboratory animals. Target organs are the liver, teeth, and bones.

SECTION 3: PHYSICAL DATA

Odor: N/A

Appearance: solid

Melting point.: 205 °C

Boiling point: N/A

Decomposition temperature: N/A

pH (depends on quality): N/A

Solubility in water: soluble

Specific gravity (water = 1) N/A

Vapor density: N/A

Vapor pressure: N/A

SECTION 4: FIRE AND EXPLOSION DATA

Flash point: N/A

Flammable limit: N/A

Flammability: N/A

Extinguishing media: Water spray, carbon dioxide, dry chemical or appropriate foam.

Fire fighting procedures: Wear self contained breathing apparatus and protective clothing to prevent contact

Unusual fire and explosions hazards: Emits toxic fumes under fire conditions.

SECTION 5: REACTIVITY DATA

Stable X Unstable

Decomposition byproducts: Toxic fumes of CO, CO₂, NO, HCl

Incompatibilities/Condition to Avoid: N/A

Hazardous Polymerization: will not occur.

SECTION 6: HEALTH HAZARD DATA

Toxicity: LD₅₀: >2mg/kg

Route of Entry: inhalation, skin contact, ingestion.

Permissible Exposure limits: N/A

TWA:

TLV:

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Wear appropriate safety equipment to put spilled material in air tight sealable container.

Disposal: Dissolve or mix material with combustible solvent and burn in chemical incinerator equipped with afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 8: FIRST AID PROCEDURES

Eye Contact: flush open eyes with copious amounts of water for at least 15 minutes.

Skin Contact: flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Inhalation: remove to fresh air. If breathing is difficult, call physician.

Ingestion: wash out mouth with water if person is conscious. **SEEK MEDICAL HELP.**

SECTION 9: HANDLING AND STORAGE INFORMATION: Wear appropriate NIOSH/MSHA approved respirator, chemical resistant gloves, safety goggles, other protective clothing. Use only in chemical fume hood.

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SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation: USE on in chemical fume hood.

Skin Protection: impermeable gloves and clothing protection.

Eye Protection: safety goggles, face shield.

Respiratory Protection: NIOSH?MSHA approved respirator

Other:

SECTION 11: TRANSPORT INFORMATION

DOT Classification: N/A

SECTION 12: OTHER REGULATORY INFORMATION

Federal and State regulations: N/A

WHMIS (Canada):

DSCL (EEC): possible risk to unborn child

HMIS (USA):

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL IN CLUSIVE AND SHALL BE USED ONLY AS A GUIDE. AERCHEM SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.