

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 12/17/96
Product Name: 2,4,6-COLLIDINE
Common Name: 2,4,6-trimethylpyridine
Chemical Formula: C₈H₁₁N
CAS No.: 108-75-8

SECTION 2: HAZARDOUS INGREDIENTS:

Slightly dangerous to dangerous in case of skin and eye contact (irritant), of inhalation. Very dangerous in case of ingestion. May irritate eyes and skin upon contact. Substance is toxic to lungs, the nervous system, mucous membranes. Repeated or prolonged exposure to substance can produce target organs damage.

SECTION 3: PHYSICAL DATA

Appearance and Odor:	colorless, liquid, aromatic
Boiling point:(760 mmHg)	170.5°C (338.9°F)
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	0.917
Solubility in water:(by weight)	Soluble in methanol, diethyl ether, acetone. Partially soluble in cold water.
Melting Point:	-44.5°C (-48.1°F)
Volatility:	n/a
Vapor Density:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Flash point:	open cup: 57.78°C (136°F)
Flammable limit:	n/a
Extinguishing Media:	dry chemicals, CO ₂ , water spray, or foam; Do not use water jet.
Unusual Fire and Explosion Hazards:	n/a
Flammability:	Combustible

SECTION 5: REACTIVITY DATA

Stable <u> X </u>	Unstable <u> </u>
Conditions to Avoid:	n/a
Incompatibilities:	n/a
Hazardous Decomposition or byproducts:	Products of combustion are carbon oxides
Hazardous Polymerization:	no

SECTION 6: HEALTH HAZARD DATA

Permissible Exposure Limit:	n/a
Toxicity:	n/a
Route of Entry:	inhalation, ingestion

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

Spillage: Dilute with water and mop up, or absorb with an inert dry material and place in appropriate waste disposal container.

Disposal: Recycle, if possible. Consult your local or regional authorities.

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 8: FIRST AID PROCEDURES

- Eyes:** Remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use eye ointment. Seek medical attention.
- Skin:** Remove contaminated clothing. Place victim under deluge shower. Wash with plenty of water. Gently wash skin with running water and non-abrasive soap. Be careful to clean folds, crevices, creases, and groin. Cold water may be used. Cover irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reuse.
- Inhalation:** Allow victim to rest in well ventilated area. Seek medical attention.
- Ingestion:** Remove any dentures. Watch for obstruction in victim's mouth. Remove obstruction if possible, but don't force fingers or hard object between victim's teeth. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in

mouth and throat. Never give an

to ingest. Seek immediate medical attention.

throat. Lower head to vomit won't reenter
unconscious person anything

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sources of ignition, and from strong oxidizing agents. Keep in a cool, dry, well-ventilated area. Ground all equipment containing material. Do not ingest or breathe dust, fumes, vapor or spray. If ingested, seek medical advice, showing label if possible. Wear respiratory equipment in case of insufficient ventilation. Avoid contact with skin and eyes.

SECTION 10: SPECIAL PROTECTION INFORMATION

- Ventilation:** Use process enclosure, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.
- Eye Protection:** Splash goggles; proximal eyewash station
- Protective Gloves:** impervious
- Respiratory Protection:** vapor respirator
- Other Protective Gear:** lab coat and proximal safety shower; boots, full suit, and self contained breathing apparatus in case of large spill

SECTION 11: TRANSPORT INFORMATION

- DOT classification:** class 3, flammable liquid n.o.s., UN1993, packing group III, packing instruction 309 (or Y309 Ltd Qty)
- DOT pictograms:** flammable-3 label