

EMS CATALOG NO: 11500
EMS PRODUCT: Sym-Collidine
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MATERIAL SAFETY DATA SHEET

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

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FOR PRODUCT AND SALES INFORMATION

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PRODUCT IDENTIFICATION

PRODUCT NAME: Sym-Collidine
FORMULA: C8H11N
CAS NUMBER: 108-75-8
SYNONYMS: Alpha, Gamma, Alpha'-Collidine, Gamma-Collidine,
S-Collidine, Sym-Collidine, 2,4,6-Collidine,
2,4,6-Kollidin (CZECH), 2,4,6-Trimethylpyridine

HAZARDS IDENTIFICATION

LABEL PRECAUTIONARY STATEMENTS:

Toxic (USA Definition).
Harmful (European Definition).
Harmful by inhalation, in contact with skin and if swallowed.
Irritating to eyes, respiratory system and skin.
Combustible.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing.

FIRST AID MEASURES

In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

Assure adequate flushing of the eyes by separating the eyelids with fingers.

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

If swallowed, wash out mouth with water provided person is conscious.

Call a physician. Wash contaminated clothing before reuse.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray. Carbon dioxide, dry chemical powder or appropriate foam.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes..

UNUSUAL FIRE AND EXPLOSIONS HAZARDS:

Emits toxic fumes under fire conditions.

ACCIDENTAL RELEASE/DISPOSAL MEASURES

Evacuate area. Wear self contained breathing apparatus, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spills site after material pick up is complete.

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all Federal, State and local Environmental Regulations.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical safety goggles.
Rubber gloves.
NIOSH/MSHA-approved respirator.
Safety shower and eye bath.
Use only in a chemical fume hood.
Do not breathe vapor.
Do not get in eyes, on skin, on clothing.
Wash thoroughly after handling.
Irritant.
Keep tightly closed.
Keep away from heat and open flame.
Store in a cool dry place.

PHYSICAL AND CHEMICAL PROPERTIES

MELTING POINT: -43oC
BOILING POINT: 171 / 172oC
FLASH POINT: 135oF / 57oC
SPECIFIC GRAVITY: 0.917
APPEARANCE/ODOR: Colorless liquid.

STABILITY/REACTIVITY

INCOMPATIBILITIES: Strong Oxidizing Agents, Strong Acids.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

TOXIC FUMES OF: Carbon monoxide, carbon dioxide, nitrogen oxide.

TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

Harmful if swallowed, inhaled, or absorbed through skin. Vapor or mist is irritating to the eyes, mucous membranes and upper respiratory tract. Causes skin irritation.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

RTECS NO: UU0970000 - Pyridine, 2,4,6-Trimethyl

TOXICITY DATA:

ORL-RAT LD50:400 mg/kg	85JCAE -, 847,86
SKN-GPG LD50:1 gm/kg	85JCAE -, 847, 86

Only selected registry of toxic effects of chemical substances (RTECS) data is presented here. See actual entry in RTECS for complete information.