



MATERIAL SAFETY DATA SHEET

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ETHYL CHLOROACETATE

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:
ethyl chloroacetate

Catalog Numbers: E035

Synonyms: ethyl chloroethanoate, ethyl monochloroacetate, ethyl monochloroethanoate

Company Information:
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SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

CAS # : 105-39-5
Chemical Name :
% :
EINECS# : 203-294-0
Hazard Symbols :
Risk Phrases :

SECTION 3- HAZARDS IDENTIFICATION

SECTION 4- FIRST AID MEASURES

SECTION 5- FIRE FIGHTING MEASURES

SECTION 6- ACCIDENTAL RELEASE MEASURES



SECTION 7 - HANDLING and STORAGE

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Personal Protective Equipment

Eyes:

Wear chemical goggles and a face shield.

Skin:

Wear appropriate gloves to prevent skin exposure.

Clothing:

Wear polyethylene gloves, apron, and/or clothing.

Respirators:

Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: colourless liquid

Melting point: -26 C

Boiling point: 143 C

Vapour density:

Vapour pressure: 3.3 mm Hg at 20 C

Density (g cm⁻³):

Flash point: 65 C

Explosion limits:

Autoignition temperature:

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:

Stable. Incompatible with acids, bases, oxidizing agents, reducing agents. Flammable.

SECTION 11 - TOXICOLOGICAL INFORMATION

May be fatal by inhalation, ingestion or skin contact. Severe irritant. Very destructive of mucous membranes. Lachrymator. Readily absorbed through the skin.

Toxicity data

(The meaning of any toxicological abbreviations which appear in this section is given here.) ORL-RAT LD50 235 mg kg⁻¹ ORL-MUS LD50 350 mg kg⁻¹

Risk phrases

(The meaning of any risk phrases which appear in this section is given here.) R10 R23 R24 R25 R36 R37 R38 R50..

SECTION 12 - ECOLOGICAL INFORMATION

Toxic in the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORT INFORMATION

SECTION 15 - REGULATORY INFORMATION

SECTION 16 - ADDITIONAL INFORMATION

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