

Hazardous materials description

METHANOL

Hazards for human and environment



Highly flammable liquid and vapour.
Toxic if swallowed, in contact with skin or if inhaled.
Causes damage to organs.



The substance is hazardous to water.
Vapors form explosive mixtures with air.
Violent reactions/inflammation may be caused by strong oxidizing agents, alkali metals and chloroform in the presence of strong bases.
Toxic by inhalation and if swallowed.
Can be absorbed through the skin and acts as a cell poison.
Possible symptoms of poisoning include dizziness, headache, weakness, nausea, body aches, and starting eye disorders.
Methanol is decomposed to CO₂ in the body via formaldehyde and formic acid.
embryotoxic



Danger

Safety measures and codes of conduct



IF SWALLOWED: Call a POISON CENTER or doctor.

Wear protective gloves / protective clothing.

Do not breathe dust, fume, gas, mist, vapors, aerosols.

Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition Do not smoke.



Avoid contact with skin, eyes and clothes.

Storage: Store in a cool place in a tightly closed container.

Glove Material: Full contact: - butyl rubber (0.3 mm) -480 min

Splash contact: - Nitrile rubber (0.4 mm) -31 min



Wear safety glasses.

Body protection: flame retardant antistatic protective clothing.

Do not empty into drains.



Conduct in case of danger

Fire brigade:

In case of fire use: Water spray, alcohol resistant foam, dry extinguishing powder or carbon dioxide.

Hazardous substances emerging : Carbon oxides

To cool closed containers, use water spray.

Do not breathe vapor, mist, gas. Ensure adequate ventilation.

Remove all sources of ignition.

Vapors can accumulate in low-lying areas.

First aid



Physician:

After Skin contact: Wash immediately with water.

After eye contact: Rinse immediately with plenty of water with open eyelid for 15 minutes.

Ophthalmologist!

After inhalation: fresh air. Consult a physician!

After swallowing: Drink plenty of water, if possible with activated charcoal. Consult a physician!

After contamination of clothing: Remove contaminated clothing.

Proper waste disposal

Collect in closed container in a well-ventilated room.

For disposal, contact Ms. Kohl (3162) or Mr. Timpe (3111).

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Signature: