

Instructions for Use of Dichloromethane

Methylene chloride, colourless, sweet smelling liquid

Hazards to People and the Environment



Warning



R40 (Risk phrase code), Suspected of being carcinogenic (cancer causing)

Swallowing will cause nausea and vomiting. Upon absorption of large amounts, disturbances to the central nervous system will occur as well as breathing disorders, heart function disorders and damage to the liver and kidneys.

In the case of prolonged skin contact, signs of toxication like headaches, loss of appetite and dizziness even to the level of narcosis can occur.

When inhaled, it can cause drowsiness, dizziness and irritation to the skin and breathing passages.

Dangerous reactions with, for example, alkaline and alkaline earth metals as well as with strong bases

When burned produces highly toxic phosgene.

Hazardous to water (WGK2)

Protective Measures and Rules of Behaviour



Supply good exhaust and ventilation including around the floor area because dichloromethane is heavier than air. Do not breathe the fumes!

Keep away from eyes and skin! Wear proper protective gloves, clothing and goggles. Latex and neoprene gloves are not suitable – 0,7 mm Viton rubber gloves should be used. Have eye wash ready at hand.



Keep away from flames and sources of heat and sparks; do not smoke!

Do not eat, drink or smoke while working with dichloromethane!

Store separately from flammable liquids and only transport or store in the original container!

What To Do in Cases of Emergency



Extinguish fires with CO₂, foam or powder extinguishers; keep an eye on the production of phosgene; wear a breathing protector that is independent of the ambient air.

Spillage should be absorbed with dry earth and disposed of as waste.

First Aid



After skin contact: wash with plenty of soap and water; in cases of irritation consult a doctor!

After contact with eyes: wash out the eye with plenty of water for at least 15 minutes while holding the eyelid open; consult an eye doctor!

After inhaling: breath fresh air; consult a doctor!



After swallowing: drink lots of water, do not induce vomiting; consult a doctor!

After contact with clothing: change clothes immediately!

Proper Disposal

Dispose of as hazardous waste (solvent containing halogen; organic waste containing hazardous materials) EAK ((European Waste Catalogue) Abfallschlüsselnummer (waste code number): 160305