

1,2-dimethoxyethane

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General information:

Remove soiled or soaked clothing immediately.

Take affected person to fresh air.

After inhalation:

When inhaled remove to fresh air and seek medical aid:

After contact with skin:

In case of contact with skin wash off immediately with plenty of water.

After contact with eyes:

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

After ingestion:

Summon a doctor immediately.

Suitable extinguishing media:

foam, carbon dioxide, dry powder, water spray jet.

Cool containers by spraying with water.

Special hazards from the substance itself, its combustion products or from its vapours:

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO).

Special protective equipment for firefighting:

Use self-contained breathing apparatus.

Personal precautions:

Ensure adequate ventilation.

Wear suitable personal protective equipment.

Keep away sources of ignition.

Environmental precautions:

Do not allow to enter drains or waterways.

Methods for cleaning up/taking up:

Pick up with absorbent material (eg. sand, kieselgur, acid binder, universal binder, sawdust).

Place for disposal in tightly closed containers.

Advice on safe handling:

Local exhaust ventilation.

Take precautionary measures against electrostatic loading.

Advice on protection against fire and explosion:

Take precautionary measures against electrostatic charges - earthing necessary during loading operations.

Keep away from sources of ignition - refrain from smoking.

Further information on storage conditions:

Do not leave vessels/containers open.

Prevent entry of air/oxygen (peroxide formation).

UN number

UN 2252

Class

3

Packaging group

II

Labels

Proper shipping name: 1,2-Dimethoxyethane

Primary risk: 3

Hazard no. : 33

Remarks: Shipment permitted

UN number

UN 2252

1,2-Dimethoxyethane

1,2-Dimethoxyethane

Language English

Class

3

Packaging group

II

Remarks

Primary risk: 3

Remarks: Shipment permitted

UN number

UN 2252

Proper shipping name and description

1,2-Dimethoxyethane

Chemical name

1,2-Dimethoxyethane

Class

3

Packaging group

II

EmS number

F-E S-D

Remarks

Primary risk: 3

Remarks: Shipment permitted

UN number

UN 2252

Proper shipping name and description

1,2-Dimethoxyethane

Chemical name

1,2-Dimethoxyethane

Class

3

Packaging group

II

Remarks

Primary risk: 3

Remarks: Shipment permitted

Occupational exposure controls:

General protective measures:

Do not inhale vapours.

Avoid contact with eyes and skin.

Hygiene measures:

Avoid contact of the substance.

Remove soiled or soaked clothing immediately.

After worktime and during work intervals the affected skin areas must be thoroughly cleaned.

Respiratory protection:

Use respiratory protection in case of insufficient exhaust ventilation or prolonged exposure.

Full mask to standard DIN EN 136.

Filter A (organic gases and vapours) to standard DIN EN 141.

The use of filter apparatus presupposes that the environment atmosphere contains at least 17% oxygen by volume,

and does not exceed the maximum gas concentration, usually 0.5% by volume. Relevant guidelines to be considered include EN 136/141/143/371/372 as well as other national regulations.

Hand protection:

For long-term exposure:

Butyl rubber gloves.

Minimum breakthrough time / gloves : 480 min

Minimum thickness / gloves 0,7 mm

For short-term exposure (splash protection):

Nitrile rubber gloves.

Minimum breakthrough time / gloves : 10 min

Minimum thickness / gloves 0,4 mm

These types of protective gloves are offered by various manufacturers. Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time. Consider also the particular working conditions under which the gloves are being used.

Eye protection: safety glasses

Body protection: protective clothing

Thermal decomposition : > 300 °C.

At normal pressure may be distilled without decomposition.

Hazardous reactions:

No hazardous reactions when stored and handled according to prescribed instructions.

Product:

In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.