



# Safety Data Sheet

according to UK REACH Regulation

## Dimethyl sulfoxide

Revision date: 18.01.2023

Product code: PESC-0102-R-V2

Page 2 of 4

### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

### After ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. Rinse mouth thoroughly with water. Call a physician in any case!

### 4.2. Most important symptoms and effects, both acute and delayed

Headache.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water. Foam. Extinguishing powder. Dry extinguishing powder. Co-ordinate fire-fighting measures to the fire surroundings.

### 5.3. Advice for firefighters

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Suppress gases/vapours/mists with water spray jet.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on general occupational hygiene

Do not eat, drink, smoke or sneeze at the workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

#### Further information on storage conditions

Storage up to °C: +30

Protect against: Light.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Tightly sealed safety glasses.

##### Hand protection

Single-use gloves. Wash hands before breaks and after work. Protect skin by using skin protective cream.

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Page 3 of 4

### Skin protection

Wash contaminated clothing prior to re-use.

### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	colourless	
Boiling point or initial boiling point and boiling range:		189 °C
Flash point:		87 °C
Water solubility:	completely miscible	

## SECTION 10: Stability and reactivity

### 10.5. Incompatible materials

Acid halides. Acid, concentrated. Oxidizing agents, strong. Reducing agents, strong.

### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Sulfur oxides.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in GB CLP Regulation

## SECTION 12: Ecological information

### 12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of UK REACH.

### 12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Delivery to an approved waste disposal company. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Other applicable information

Not a hazardous material with respect to these transportation regulations.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

#### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

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Page 4 of 4

#### SECTION 16: Other information