

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : HighTec Proof  
Revision date : 15.07.2024  
Print date : 09.12.2024

Version : 1.0.0

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

### 1.1 Product identifier

HighTec Proof  
Unique Formula Identifier (UFI) : NDJ1-02G7-700K-0UPN

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### Relevant identified uses

Impregnation agent

### 1.3 Details of the supplier of the safety data sheet

#### Supplier

HOLMENKOL GmbH

**Street :** Monrepos 7

**Postal code/City :** 71634 Ludwigsburg

**Country :** Deutschland

**Telephone :** +49 7141 3894 0

**Telefax :** +49 7141 3894 100

**Information contact :** info@eimermacher.de  
www.eimermacher.de

### 1.4 Emergency telephone number

Germany: Poisons Information Centre Berlin  
Charité – Universitätsmedizin Berlin  
Campus Benjamin Franklin  
Haus VIII, UG  
Hindenburgdamm 30  
D-12203 Berlin  
+49(0)30/30686 700, Internat. INFOTRAC +1 3523233500

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 [CLP]

Aerosol 1 ; H229 - Aerosols : Category 1 ; Pressurised container: May burst if heated.

Aerosol 1 ; H222 - Aerosols : Category 1 ; Extremely flammable aerosol.

STOT SE 3 ; H336 - STOT-single exposure : Category 3 ; May cause drowsiness or dizziness.

Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

##### Hazard pictograms



Flame (GHS02) · Exclamation mark (GHS07)

##### Signal word

Danger

##### Hazard components for labelling

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : HighTec Proof  
Revision date : 15.07.2024  
Print date : 09.12.2024

Version : 1.0.0

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
Hydrocarbons, C7, n-Alkanes, Isoalkanes, cyclics ; CAS No. : 64742-49-0  
Hydrocarbons, C11-C13, isoalkanes, < 2% aromatics ; CAS No. : 246538-78-3

### Hazard statements

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P102 Keep out of the reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P261 Avoid breathing spray.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 Dispose of contents/container to hazardous or special waste collection point

### Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

### Additional information

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

## 2.3 Other hazards

### Adverse human health effects and symptoms

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

### Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; REACH No. : 01-2119463258-33-XXXX ; EC No. : 919-857-5

Weight fraction :  $\geq 35 - < 40$  %  
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 STOT SE 3 ; H336

Hydrocarbons, C7, n-Alkanes, Isoalkanes, cyclics ; REACH No. : 01-2119475515-33-XXXX ; EC No. : 927-510-4; CAS No. : 64742-49-0

Weight fraction :  $\geq 5 - < 10$  %  
Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Asp. Tox. 1 ; H304 Skin Irrit. 2 ; H315 STOT SE 3 ; H336 Aquatic Chronic 2 ; H411

Hydrocarbons, C11-C13, isoalkanes, < 2% aromatics ; REACH No. : 01-2119456810-40-XXXX ; EC No. : 920-901-0; CAS No. : 246538-78-3

Weight fraction :  $\geq 5 - < 10$  %  
Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304 EUH066

N-BUTYL ACETATE ; REACH No. : 01-2119485493-29-000 ; EC No. : 204-658-1; CAS No. : 123-86-4

Weight fraction :  $\geq 5 - < 10$  %  
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 STOT SE 3 ; H336 EUH066

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** HighTec Proof  
**Revision date :** 15.07.2024  
**Print date :** 09.12.2024

**Version :** 1.0.0

ETHYL ACETATE ; REACH No. : 141-78-6-XXXX ; EC No. : 205-500-4; CAS No. : 141-78-6  
Weight fraction :  $\geq 1 - < 5 \%$   
Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319 STOT SE 3 ; H336 EUH066

### Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician. If unconscious but breathing normally, place in recovery position and seek medical advice.

#### In case of skin contact

In case of skin irritation, consult a physician.

#### After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

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

No information available for acute dermal and inhalative toxicity

#### Symptoms

Important or further important known symptoms and effects are described in the GHS labelling of the product (see section 2) and in section 11 (Toxicological information). (Further) symptoms and/or effects are not yet known.

In our experience, no special hazards are to be expected if the product is handled properly and is used as intended.

### 4.3 Indication of any immediate medical attention and special treatment needed

treatment: Symptoms (decontamination, vital functions), no known specific antidote.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>) , Extinguishing powder , Water mist , alcohol resistant foam  
Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media

Full water jet , Strong water jet

### 5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to the escape of irritating gases and vapours.

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

Full protection suit , Use suitable breathing apparatus.

### 5.4 Additional information

Caution! Container under pressure. Move undamaged containers from immediate hazard area if it can be done safely.

## SECTION 6: Accidental release measures

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

Use personal protection equipment. Remove persons to safety. Remove all sources of ignition. Provide adequate ventilation. See protective measures under point 7 and 8.

### 6.2 Environmental precautions

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

### 6.3 Methods and material for containment and cleaning up

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : HighTec Proof  
Revision date : 15.07.2024  
Print date : 09.12.2024

Version : 1.0.0

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Clear contaminated areas thoroughly. Treat the recovered material as prescribed in the section on waste disposal.

### 6.4 Reference to other sections

See protective measures under point 7 and 8.  
Personal protection equipment: see section 8  
Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Provide adequate ventilation as well as local exhaust at critical locations.  
It is recommended to design all work processes always so that the following is excluded: Inhalation of vapours or spray/mists  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

#### Protective measures

##### Measures to prevent fire

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not open container by force.

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

Keep in a cool, well-ventilated place.

#### Requirements for storage rooms and vessels

Floors should be impervious, resistant to liquids and easy to clean.

#### Hints on joint storage

Storage class (TRGS 510) : 2B

#### Further information on storage conditions

Heating causes rise in pressure with risk of bursting. Keep in a cool, well-ventilated place.

Protect against : Heat, UV-radiation/sunlight

### 7.3 Specific end use(s)

Observe instructions for use. see section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

BUTANE ; CAS No. : 106-97-8

Limit value type (country of origin) : TRGS 900 ( D )  
Limit value : 1000 ppm / 2400 mg/m<sup>3</sup>  
Peak limitation : 4(II)  
Version : 23.06.2022

PROPANE ; CAS No. : 74-98-6

Limit value type (country of origin) : TRGS 900 ( D )  
Limit value : 1000 ppm / 1800 mg/m<sup>3</sup>  
Peak limitation : 4(II)  
Version : 23.06.2022

ISOBUTANE ; CAS No. : 75-28-5

Limit value type (country of origin) : TRGS 900 ( D )  
Limit value : 1000 ppm / 2400 mg/m<sup>3</sup>  
Peak limitation : 4(II)  
Version : 23.06.2022

N-BUTYL ACETATE ; CAS No. : 123-86-4

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** HighTec Proof  
**Revision date :** 15.07.2024  
**Print date :** 09.12.2024

**Version :** 1.0.0

Limit value type (country of origin) : TRGS 900 ( D )  
Limit value : 62 ppm / 300 mg/m<sup>3</sup>  
Peak limitation : 2(I)  
Remark : Y  
Version : 23.06.2022

Limit value type (country of origin) : STEL ( EC )  
Limit value : 150 ppm / 723 mg/m<sup>3</sup>  
Version : 20.06.2019

Limit value type (country of origin) : TWA ( EC )  
Limit value : 50 ppm / 241 mg/m<sup>3</sup>  
Version : 20.06.2019

ETHYL ACETATE ; CAS No. : 141-78-6

Limit value type (country of origin) : TRGS 900 ( D )  
Limit value : 200 ppm / 730 mg/m<sup>3</sup>  
Peak limitation : 2(I)  
Remark : Y  
Version : 23.06.2022

### DNEL-/PNEC-values

#### DNEL/DMEL

N-BUTYL ACETATE ; CAS No. : 123-86-4

Limit value type : DNEL/DMEL (Consumer)  
Exposure route : Inhalation  
Exposure frequency : Long-term  
Limit value : 35,7 mg/m<sup>3</sup>

Limit value type : DNEL/DMEL (Consumer)  
Exposure route : Inhalation  
Exposure frequency : Short-term  
Limit value : 300 mg/m<sup>3</sup>

Limit value type : DNEL/DMEL (Consumer)  
Exposure route : Dermal  
Exposure frequency : Long-term  
Limit value : 6 mg/kg  
Assessment factor : day(s)

Limit value type : DNEL/DMEL (Consumer)  
Exposure route : Oral  
Exposure frequency : Long-term  
Limit value : 2 mg/kg  
Assessment factor : day(s)

Limit value type : DNEL/DMEL (Consumer)  
Exposure route : Oral  
Exposure frequency : Short-term  
Limit value : 2 mg/kg  
Assessment factor : day(s)

Limit value type : DNEL/DMEL (Worker)  
Exposure route : Inhalation  
Exposure frequency : Long-term  
Limit value : 300 mg/m<sup>3</sup>

Limit value type : DNEL/DMEL (Worker)  
Exposure route : Inhalation  
Exposure frequency : Short-term  
Limit value : 600 mg/m<sup>3</sup>

Limit value type : DNEL/DMEL (Worker)  
Exposure route : Dermal  
Exposure frequency : Long-term

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** HighTec Proof  
**Revision date :** 15.07.2024  
**Print date :** 09.12.2024

**Version :** 1.0.0

Limit value : 11 mg/kg  
Assessment factor : day(s)

### PNEC

N-BUTYL ACETATE ; CAS No. : 123-86-4

Limit value type : PNEC (Aquatic, freshwater)  
Exposure route : Water (Including sewage plant)  
Limit value : 0,18 mg/l  
Limit value type : PNEC (Aquatic, marine water)  
Exposure route : Water (Including sewage plant)  
Limit value : 0,018 mg/l  
Limit value type : PNEC (Sediment, freshwater)  
Limit value : 0,981 mg/kg  
Limit value type : PNEC (Sediment, marine water)  
Limit value : 0,098 mg/kg  
Limit value type : PNEC (Soil)  
Limit value : 0,09 mg/kg  
Limit value type : PNEC (Sewage treatment plant)  
Limit value : 35,6 mg/l

## 8.2 Exposure controls

### Personal protection equipment

Use personal protection equipment.

### Eye/face protection



Eye glasses EN 166

### Skin protection

#### Hand protection



**By short-term hand contact :** Suitable gloves type Disposable gloves. NBR (Nitrile rubber)

**By long-term hand contact :** Check leak tightness/impermeability prior to use.

Suitable material CR (polychloroprene, chloroprene rubber) , NBR (Nitrile rubber) , Butyl caoutchouc (butyl rubber) , NR (natural rubber, Natural latex)

Breakthrough time 480 min

Thickness of the glove material Polychloroprene - CR (0.5 mm) Nitrile rubber/nitrile latex - NBR (0.35 mm) Butyl rubber - Butyl (0.5 mm)

**Required properties :** When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. EN ISO 374

**Remark :** Check leak tightness/impermeability prior to use. Breakthrough times and swelling properties of the material must be taken into consideration.

#### Body protection

Wear anti-static footwear and clothing

Protective clothing. EN 13034 Natural fibres (e.g. cotton) , heat-resistant synthetic fibres

Chemical resistant safety shoes DIN EN 13832-2

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance :** Aerosol

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : HighTec Proof  
Revision date : 15.07.2024  
Print date : 09.12.2024

Version : 1.0.0

**Colour :** colourless  
**Odour :** characteristic

## Safety characteristics

<b>Physical state :</b>		Liquid
<b>Melting point/freezing point :</b>		not determined
<b>Initial boiling point and boiling range :</b>	( 1013 hPa )	not applicable
<b>Decomposition temperature :</b>		not determined
<b>Flash point :</b>	approx.	-60 °C
<b>Auto-ignition temperature :</b>		258 °C
<b>Lower explosion limit :</b>		1 Vol-%
<b>Upper explosion limit :</b>		10,9 Vol-%
<b>Lower explosion limit :</b>		not determined
<b>Upper explosion limit :</b>		not determined
<b>Density :</b>	( 20 °C )	0,67 g/cm <sup>3</sup>
<b>Solvent separation test :</b>	( 20 °C )	No data available
<b>Fat solubility :</b>	( 20 °C )	Not determined.
<b>log P O/W :</b>		not determined
<b>Viscosity :</b>	( 20 °C )	mPa*s
<b>Solvent content :</b>		95,1 Weight-%
<b>Odour threshold :</b>		not determined
<b>Relative vapour density :</b>	( 20 °C )	not determined
<b>Vapourisation rate :</b>		not determined
<b>Flammable solids :</b>		Not applicable.
<b>Flammable gases :</b>		Extremely flammable gas.
<b>Oxidising liquids :</b>		Not relevant.
<b>Explosive properties :</b>		Not applicable.
<b>Corrosive to metals :</b>		Not relevant.

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

See section 7 of the safety data sheet.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11: Toxicological information

There are no data available on the preparation/mixture itself.

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Based on available data, the classification criteria are not met.

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : HighTec Proof  
Revision date : 15.07.2024  
Print date : 09.12.2024

Version : 1.0.0

### Corrosion

Based on available data, the classification criteria are not met.

### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

#### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

### STOT-single exposure

May cause drowsiness or dizziness.

### STOT-repeated exposure

Based on available data, the classification criteria are not met.

### Aspiration hazard

Based on available data, the classification criteria are not met.

## 11.2 Information on other hazards

Endocrine disrupting potential:

The product does not contain any substance above the legal limits that is included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 on the basis of endocrine disrupting properties or that has endocrine disrupting or endocrine damaging properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Other indications of toxicity

The product has not been tested. The statements on toxicology were derived from the properties of the individual components.

## SECTION 12: Ecological information

### 12.1 Toxicity

The product has not been tested. The statement is derived from the properties of the single components.

#### Aquatic toxicity

Harmful to aquatic life with long lasting effects.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

This product does not contain components in concentrations of 0.1% or higher which are classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Endocrine disrupting properties

The product does not contain any substance above the legal limits that is included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 on the basis of endocrine disrupting properties or that has endocrine disrupting or endocrine damaging properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### 12.7 Other adverse effects

The product does not contain any substances listed in Regulation (EC) 1005/2009 on substances that deplete the ozone



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : HighTec Proof  
Revision date : 15.07.2024  
Print date : 09.12.2024

Version : 1.0.0

layer.

## 12.8 Additional ecotoxicological information

### Additional information

Discharge into the environment must be avoided.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Directive 2008/98/EC (Waste Framework Directive)

##### Before intended use

##### Waste codes/waste designations according to EWC/AVV

Waste code (EWC/AVV) : 15 01 10\* (packaging containing residues of or contaminated by dangerous substances)

##### After intended use

##### Waste codes/waste designations according to EWC/AVV

Waste code (EWC/AVV) : 15 01 04 (metallic packaging)

## SECTION 14: Transport information

### 14.1 UN number or ID number

UN 1950

### 14.2 UN proper shipping name

#### Land transport (ADR/RID)

AEROSOLS

#### Sea transport (IMDG)

AEROSOLS

#### Air transport (ICAO-TI / IATA-DGR)

AEROSOLS, FLAMMABLE

### 14.3 Transport hazard class(es)

#### Land transport (ADR/RID)

Class(es) : 2  
Classification code : 5F  
Hazard identification number (Kemler No.) : 23  
Tunnel restriction code : D  
Special Provisions : LQ 1 | E 0  
Hazard label(s) : 2.1 / N

#### Sea transport (IMDG)

Class(es) : 2.1  
EmS-No. : F-D / S-U  
Special Provisions : LQ 1 | E 0  
Hazard label(s) : 2.1

#### Air transport (ICAO-TI / IATA-DGR)

Class(es) : 2.1  
Special Provisions : E 0  
Hazard label(s) : 2.1

### 14.4 Packing group

### 14.5 Environmental hazards

Land transport (ADR/RID) : Yes

Sea transport (IMDG) : No

Air transport (ICAO-TI / IATA-DGR) : No

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : HighTec Proof  
Revision date : 15.07.2024  
Print date : 09.12.2024

Version : 1.0.0

### 14.6 Special precautions for user

None

### 14.7 Maritime transport in bulk according to IMO instruments

No transport as bulk according to IBC Code.

## SECTION 15: Regulatory information

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

#### EU legislation

##### Authorisations and/or restrictions on use

##### Restrictions on use

##### Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 3, 40, 75

#### National regulations

##### Water hazard class

Classification according to AwSV - Class : 1 (Slightly hazardous to water)

##### Other regulations, restrictions and prohibition regulations

##### Switzerland

##### VOCV-Regulation

See section 9.1

### 15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for this preparation. For the following substances of this mixture/preparation a chemical safety assessment has been carried out :

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; REACH No. : 01-2119463258-33-XXXX ; EC No. : 919-857-5

Hydrocarbons, C7, n-Alkanes, Isoalkanes, cyclics ; REACH No. : 01-2119475515-33--XXXX ; EC No. : 927-510-4; CAS No. : 64742-49-0

Hydrocarbons, C11-C13, isoalkanes, < 2% aromatics ; REACH No. : 01-2119456810-40--XXXX ; EC No. : 920-901-0; CAS No. : 246538-78-3

N-BUTYL ACETATE ; REACH No. : 01-2119485493-29-000 ; EC No. : 204-658-1; CAS No. : 123-86-4

ETHYL ACETATE ; REACH No. : 141-78-6-XXXX ; EC No. : 205-500-4; CAS No. : 141-78-6

## SECTION 16: Other information

### 16.1 Indication of changes

None

### 16.2 Abbreviations and acronyms

ADR = European Agreement concerning the carriage of Dangerous goods by Road

ADN = European Agreement concerning the Carriage of Dangerous Goods by Inland Waterways

ATE = Estimated values for acute toxicity

AwSV = Ordinance on Installations for Handling Substances Hazardous to Water

CAS = Chemical Abstract Service Number

CE = European Community

CLP = EC Regulation 1272/2008

CMR = cancerogen mutagen reprotoxic

DIN = German Institute for Standardisation

DNEL = Derived No Effect Level

DMEL = Derived Minimum Effect Level

EC50 = Mean effective concentration that induces a defined effect other than death in a test population

EG = European Community

EN = European standards

IATA = International Air Transport Association Dangerous Goods Regulation

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** HighTec Proof  
**Revision date :** 15.07.2024  
**Print date :** 09.12.2024

**Version :** 1.0.0

IBC-Code = International Code for the construction and equipment of ships carrying dangerous chemicals in large quantities  
IMDG = International Maritime Code for dangerous goods  
ISO = International Organization for Standardization  
LC50 = Lethal Concentration 50%  
LD50 = Lethal dose 50%  
MAK = Maximum workplace concentration  
MARPOL = International Convention for the Protection of the Marine Environment from Ship-generated Litter  
NOEC = No Observed Effect Concentration  
OECD = Organisation for Economic Cooperation and Development  
PBT = Persistent, bioaccumulative and toxic  
pH = potential of hydrogen  
PNEC = Predicted no effect concentration  
PPM = parts per million  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals (EC Regulation 1907/2006)  
RID = Regulation concerning the international transport of dangerous goods by train  
TRGS = Technical rules for hazardous substances (german rules)  
TWA = Time-weighted average exposure limit  
UN-Number = UN number for the transport of dangerous goods  
vPvB = Very Persistent and very Bioaccumulative as for REACH Regulation  
VOC = Volatile organic Compounds

### 16.3 Key literature references and sources for data

Storage of hazardous substances" guidelines, 3rd revised and updated edition 2018

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

### 16.6 Training advice

None

### 16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.