

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 29.09.2021

Version number 5 (replaces version 4)

Revision: 29.09.2021

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

- **1.1 Product identifier**
- Trade name **UNISIEGEL IS 75**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Wood-preservative impregnation
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
MUREXIN GmbH
Franz v. Furtenbachstr. 1
A-2700 Wiener Neustadt
Tel.: +43 (0)2622/27401
- **Informing department:** chemikalieninfo@murexin.com
- **1.4 Emergency telephone number:**
UK National poisons Emergency number.: +44 (0) 870 600 6266

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



STOT SE 3 H336 May cause drowsiness or dizziness.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02 GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**
Hydrotreated heavy Naphtha
- **Hazard statements**
H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
- **Precautionary statements**
 - P101 If medical advice is needed, have product container or label at hand.
 - P102 Keep out of reach of children.
 - P103 Read carefully and follow all instructions.
 - P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 - P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
 - P280 Wear protective gloves / eye protection.
 - P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 - P403 Store in a well-ventilated place.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 29.09.2021

Version number 5 (replaces version 4)

Revision: 29.09.2021

Trade name UNISIEGEL IS 75

(Contd. of page 1)

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains 2-butanone oxime, Fatty acids, C14-18 and C16-18-unsatd., maleated. May produce an allergic reaction.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.













· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture consisting of the following components with harmless additives.

· **Dangerous components:**

EC number: 919-857-5	Hydrotreated heavy Naphtha  Flam. Liq. 3, H226  Asp. Tox. 1, H304  STOT SE 3, H336	10-25%
EC number: 918-481-9 Reg.nr.: 2119457273-39	Kohlenwasserstoffe (C10-C13, n-Alkane, Isoalkane, Cycloalkane, Aromaten (<2%))  Asp. Tox. 1, H304	10-25%
CAS: 34590-94-8 EINECS: 252-104-2	Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	1-2.5%
CAS: 112-07-2 EINECS: 203-933-3	2-butoxyethyl acetate  Acute Tox. 4, H312; Acute Tox. 4, H332	0.5-1%
CAS: 64742-47-8 EINECS: 265-149-8	Distillates (petroleum), hydrotreated light  Flam. Liq. 3, H226  Asp. Tox. 1, H304	0.5-1%
CAS: 22464-99-9	2-Ethylhexansäure, Zirkoniumsalz  Repr. 2, H361	0.5-1%
CAS: 96-29-7 EINECS: 202-496-6	2-butanone oxime  Acute Tox. 3, H301  Carc. 1B, H350; STOT SE 1, H370; STOT RE 2, H373  Eye Dam. 1, H318  Acute Tox. 4, H312; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H336 ATE: LD50 oral: 100 mg/kg LD50 dermal: 1,100 mg/kg	<0.5%

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **After inhalation** Take affected persons into the open air and position comfortably

· **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.

· **After swallowing** Drink copious amounts of water and provide fresh air. Instantly call for doctor.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 29.09.2021

Version number 5 (replaces version 4)

Revision: 29.09.2021

Trade name UNISIEGEL IS 75

(Contd. of page 2)

- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
Sand. Do not use water.
CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or water bodies.
Prevent material from reaching sewage system, holes and cellars.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Keep containers tightly sealed.
- **Information about protection against explosions and fires:**
Fumes can combine with air to form an explosive mixture.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class 3**
- **7.3 Specific end use(s)** No further relevant information available.

GB

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 29.09.2021

Version number 5 (replaces version 4)

Revision: 29.09.2021

Trade name UNISIEGEL IS 75

(Contd. of page 3)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

34590-94-8 Dipropylene glycol monomethyl ether

WEL	Long-term value: 308 mg/m ³ , 50 ppm
Sk	

112-07-2 2-butoxyethyl acetate

WEL	Short-term value: 332 mg/m ³ , 50 ppm
	Long-term value: 133 mg/m ³ , 20 ppm
Sk	

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from foodstuffs, beverages and food.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Breathing equipment: Use breathing protection in case of insufficient ventilation.

Hand protection Protective gloves.

Material of gloves Butyl rubber, BR

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection Safety glasses

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Colour: Light brown

Smell: Characteristic

Boiling point or initial boiling point and boiling range 155 °C

Lower and upper explosion limit

Lower: 0.89 Vol %

Upper: 14 Vol %

Flash point: 46 °C

Decomposition temperature: Not determined.

pH: Not determined.

Solubility

Water: immiscible

Steam pressure at 20 °C: 1 hPa

Density and/or relative density

Density at 20 °C 0.9 g/cm³

9.2 Other information

Appearance:

Form: Fluid

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 29.09.2021

Version number 5 (replaces version 4)

Revision: 29.09.2021

Trade name UNISIEGEL IS 75

(Contd. of page 4)

· **Important information on protection of health and environment, and on safety.**

· **Explosive properties:**

Product is not explosive. However, formation of explosive air/steam mixtures is possible.

· **Information with regard to physical hazard classes**

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids Flammable liquid and vapour.	
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** None

SECTION 11: Toxicological information

- **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.

· **LD/LC50 values that are relevant for classification:**

34590-94-8 Dipropylene glycol monomethyl ether

Oral	LD50	5,135 mg/kg (rat)
------	------	-------------------

Dermal	LD50	9,500 mg/kg (rat)
--------	------	-------------------

112-07-2 2-butoxyethyl acetate

Oral	LD50	2,400 mg/kg (rat)
------	------	-------------------

Dermal	LD50	1,580 mg/kg (rbt)
--------	------	-------------------

96-29-7 2-butanone oxime

Oral	LD50	100 mg/kg (ATE)
------	------	-----------------

Dermal	LD50	1,100 mg/kg (ATE)
--------	------	-------------------

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 29.09.2021

Version number 5 (replaces version 4)

Revision: 29.09.2021

Trade name UNISIEGEL IS 75

(Contd. of page 5)

- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** 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 properties
--

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Water hazard class (Germany) 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Hand over to disposers of hazardous waste.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:**
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|---------------------------------------|------------|
| · 14.1 UN number or ID number | |
| · ADR, IMDG, IATA | UN1263 |
| · 14.2 UN proper shipping name | |
| · ADR | 1263 PAINT |
| · IMDG, IATA | PAINT |

(Contd. on page 7)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 29.09.2021

Version number 5 (replaces version 4)

Revision: 29.09.2021

Trade name UNISIEGEL IS 75

(Contd. of page 6)

- **14.3 Transport hazard class(es)**

- **ADR, IMDG, IATA**



- **Class** 3 Flammable liquids.
- **Label** 3

- **14.4 Packing group**

- **ADR, IMDG, IATA** III

- **14.5 Environmental hazards:**

- **Marine pollutant:** No

- **14.6 Special precautions for user**

Warning: Flammable liquids.

- **Kemler Number:** 30

- **EMS Number:** F-E, S-E

- **Stowage Category** A

- **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

- **Transport/Additional information:**

- **ADR**

- **Limited quantities (LQ)** 5L

- **Transport category** 3

- **Tunnel restriction code** D/E

- **UN "Model Regulation":** UN 1263 PAINT, 3, III

SECTION 15: Regulatory information

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

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **Seveso category P5c** FLAMMABLE LIQUIDS

- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t

- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 29.09.2021

Version number 5 (replaces version 4)

Revision: 29.09.2021

Trade name UNISIEGEL IS 75

(Contd. of page 7)

*H350 May cause cancer.**H361 Suspected of damaging fertility or the unborn child.**H370 Causes damage to organs.**H373 May cause damage to organs through prolonged or repeated exposure.*

- **Contact:** chemikalieninfo@murexin.com (+43 02622/27401)

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 1B: Carcinogenicity – Category 1B

Repr. 2: Reproductive toxicity – Category 2

STOT SE 1: Specific target organ toxicity (single exposure) – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

- *** Data compared to the previous version altered.**

GB