



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

### 1.1 Product identifier

Trade name: Slidex

UFI: 1AE0-T0YY-D00N-CCU8

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

General use: Lubricant

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

Company name: EUROTECH Maier Ernst GmbH

Street/POB-No.: Herrschaftswiesen 5

Postal Code, city: AT-6842 Koblach

WWW: www.eurotech.at

E-mail: office@eurotech.at

Telephone: +43 (0)5523 53852

Telefax: +43 (0)5523 53852 4

Department responsible for information:

Telephone: +43 (0)5523 53852, Email: office@eurotech.at

### 1.4 Emergency telephone number

GIZ-Nord, Göttingen

Telephone: +49 551-19240

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to EC regulation 1272/2008 (CLP)

Flam. Liq. 2; H225 Highly flammable liquid and vapour.

Eye Irrit. 2; H319 Causes serious eye irritation.

STOT SE 3; H336 May cause drowsiness or dizziness.

Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.

### 2.2 Label elements

#### Labelling (CLP)



Signal word:

**Danger**

Hazard statements:

H225

Highly flammable liquid and vapour.

H304

May be fatal if swallowed and enters airways.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) No 2020/878

**Slidex**

Material number 800

Revision date: 25/1/2023

Version: 9.2

Replaces version: 9.1

Language: en-IE

Date of print: 3/2/2023

Page: 2 of 10

Precautionary statements:	P102	Keep out of reach of children.
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P261	Avoid breathing vapours.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/protective clothing/eye protection.
	P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P331	Do NOT induce vomiting.
	P501	Dispose of contents/container to hazardous or special waste collection point.

## Special labelling

Text for labelling: Contains Solvent naphtha (petroleum), heavy aliph. > 50 % and Isopropyl alcohol > 30 %.

## 2.3 Other hazards

Potentially explosive mixtures may form if adequate ventilation is not provided.  
Inhaling can lead to irritations of the respiratory tract and mucous membrane.  
Higher doses may lead to a narcotic effect.  
Special danger of slipping by leaking/spilling product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

No data available

## SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

## 3.2 Mixtures

Chemical characterisation: Solvent mixture

Hazardous ingredients:

Identifiers	Designation Classification	Content
EC No. 265-200-4 CAS 64742-96-7	Solvent naphtha (petroleum), heavy aliph. Asp. Tox. 1; H304.	50 - 75 %
EC No. 200-661-7 CAS 67-63-0	Isopropyl alcohol Flam. Liq. 2; H225. Eye Irrit. 2; H319. STOT SE 3; H336.	30 - 50 %
EC No. 203-917-6 CAS 111-87-5	Octan-1-ol Eye Irrit. 2; H319. Aquatic Chronic 3; H412.	1 - 5 %

Full text of H- and EUH-statements: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information:	IF exposed or concerned: Get medical advice/attention. First aider: Pay attention to self-protection!
In case of inhalation:	Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical treatment in case of troubles.
Following skin contact:	After contact with skin, wash immediately with soap and plenty of water. Take off immediately all contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.



After swallowing: Rinse mouth immediately and drink plenty of water. Do not induce vomiting.  
Never give anything by mouth to an unconscious person. Immediately get medical attention.

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

May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes serious eye irritation. Inhaling can lead to irritations of the respiratory tract and mucous membrane. Higher doses may lead to a narcotic effect.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media: All extinguishing agents can be applied.

Extinguishing media which must not be used for safety reasons:

Full water jet

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

Highly flammable liquid and vapour. With air, vapours form potentially explosive mixtures, which are heavier than air. Vapours may proceed on the ground over great distances and cause fire and backflashes.

In case of fire may be liberated: carbon monoxide and carbon dioxide.

### 5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Heating will lead to pressure increase: Danger of bursting and explosion. Move undamaged containers from immediate hazard area if it can be done safely.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities. Do not allow fire water to penetrate into surface or ground water.

## SECTION 6: Accidental release measures

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

Provide adequate ventilation. Remove all sources of ignition. Do not breathe vapours. Avoid contact with the substance. Take off immediately all contaminated clothing and wash it before reuse. If possible, eliminate leakage. Cordon off downwind area at risk and warn inhabitants.

Wear appropriate protective equipment. Keep unprotected people away.

### 6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains. Danger of explosion! In case of release, notify competent authorities.

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

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

Beware of reignition. Thoroughly clean surrounding area.

In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).

Additional information:

Use explosion-proof equipment and non-sparking tools/utensils.

Special danger of slipping by leaking/spilling product.



## 6.4 Reference to other sections

Refer additionally to section 8 and 13.

# SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

**Advices on safe handling:** Provide adequate ventilation, and local exhaust as needed. Do not breathe vapours. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse. Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation. When handling large quantities, supply emergency spray.

**Precautions against fire and explosion:**

Keep away from sources of ignition - No smoking.  
Take precautionary measures against static discharges.  
Do not weld. Vapours can form explosive mixtures with air.  
Use explosion-proof electrical/ventilating/lighting equipment.

## 7.2 Conditions for safe storage, including any incompatibilities

**Requirements for storerooms and containers:**

Keep container tightly closed and in a well-ventilated place.  
Protect from heat and direct sunlight. Keep only in original container.

**Hints on joint storage:**

Do not store together with oxidizing agents.  
Keep away from food, drink and animal feedingstuffs.

## 7.3 Specific end use(s)

No information available.

# SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

**Occupational exposure limit values:**

CAS No.	Designation	Type	Limit value
67-63-0	Isopropyl alcohol	Ireland: 15 minutes	400 ppm (may be absorbed through the skin)
		Ireland: 8 hours	200 ppm (may be absorbed through the skin)

## 8.2 Exposure controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment. Explosion protection required.

## Personal protection equipment

### Occupational exposure controls

**Respiratory protection:** Respiratory protection must be worn whenever the WEL levels have been exceeded. Use filter type A (= against vapours of organic substances) according to EN 14387.

**Hand protection:** Protective gloves according to EN 374.  
Glove material: Nitrile rubber  
Breakthrough time > 480 min.  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

**Eye protection:** Tightly sealed goggles according to EN 166.

**Body protection:** Flame retardant, antistatic and chemical resistant protective clothing.



## General protection and hygiene measures:

Wash hands before breaks and after work. Use only non-sparking tools. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. When using do not eat, drink or smoke. Do not get in eyes, on skin, or on clothing. Contaminated work clothing should not be allowed out of the workplace. Take off immediately all contaminated clothing and wash it before reuse. When handling large quantities, supply emergency spray.

**Environmental exposure controls**

Refer to "6.2 Environmental precautions".

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Physical state at 20 °C and 101.3 kPa	liquid
Colour:	colourless
Odour:	characteristic
Odour threshold:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flammability:	Highly flammable liquid and vapour.
Upper/lower flammability or explosive limits:	LEL (Lower Explosion Limit): (Octan-1-ol) 0.80 Vol-% UEL (Upper Explosive Limit): (Isopropyl alcohol) 12.00 Vol-%
Flash point/flash point range:	10 °C
Decomposition temperature:	No data available
pH:	No data available
Viscosity, kinematic:	No data available
Water solubility:	partially soluble
Partition coefficient: n-octanol/water:	No data available
Vapour pressure:	at 20 °C: (Isopropyl alcohol) 44 hPa at 50 °C: (Isopropyl alcohol) 225 hPa
Density:	at 20 °C: 0.745 g/mL
Vapour density:	No data available
Particle characteristics:	Not applicable

**9.2 Other information**

Explosive properties:	No data available
Oxidizing characteristics:	No data available
Auto-ignition temperature:	No data available
Evaporation rate:	No data available
Additional information:	No data available

**SECTION 10: Stability and reactivity****10.1 Reactivity**

Highly flammable liquid and vapour.  
Vapours can form explosive mixtures with air.

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

Heating will lead to pressure increase: Danger of bursting and explosion.

**10.4 Conditions to avoid**

Keep away from heat sources, sparks and open flames.  
Protect from direct sunlight.

**10.5 Incompatible materials**

Oxidizing agents.

**10.6 Hazardous decomposition products**

No hazardous decomposition products when regulations for storage and handling are observed.

Thermal decomposition: No data available

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Toxicological effects:

- Acute toxicity (oral): Lack of data.
- Acute toxicity (dermal): Lack of data.
- Acute toxicity (inhalative): Lack of data.
- Skin corrosion/irritation: Lack of data.
- Serious eye damage/irritation: Eye Irrit. 2; H319 = Causes serious eye irritation.
- Sensitisation to the respiratory tract: Lack of data.
- Skin sensitisation: Lack of data.
- Germ cell mutagenicity/Genotoxicity: Lack of data.
- Carcinogenicity: Lack of data.
- Reproductive toxicity: Lack of data.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure): STOT SE 3; H336 = May cause drowsiness or dizziness.
- Specific target organ toxicity (repeated exposure): Lack of data.
- Aspiration hazard: Asp. Tox. 1; H304 = May be fatal if swallowed and enters airways.

**11.2 Information on other hazards**

Endocrine disrupting properties: No data available

**Symptoms**

In case of ingestion:  
Caution if victim vomits: Risk of aspiration! When swallowed and vomited immediately, aspiration into the lungs may occur resulting in chemical pneumonia or suffocation.  
After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

**SECTION 12: Ecological information****12.1 Toxicity**

Further details: No data available

**12.2 Persistence and degradability**

Further details: No data available

**12.3 Bioaccumulative potential**

Partition coefficient: n-octanol/water:  
No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Endocrine disrupting properties**

No data available

**12.7 Other adverse effects**

General information: Do not allow to enter into ground-water, surface water or drains.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**Waste key number: 14 06 03\* = other solvents and solvent mixtures  
\* = Evidence for disposal must be provided.Recommendation: Incinerate as hazardous waste according to applicable local, state, and federal regulations.  
Do not dispose of with household waste.**Package**Waste key number: 15 01 02 = Plastic packaging.  
Recommendation: Dispose of waste according to applicable legislation.  
Non-contaminated packages may be recycled.  
Handle empty containers with care. Incineration may cause explosion.**SECTION 14: Transport information****14.1 UN number or ID number**

ADR/RID, IMDG, IATA-DGR: UN 1993

**14.2 UN proper shipping name**

ADR/RID, IMDG, IATA-DGR: UN 1993, FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol)

**14.3 Transport hazard class(es)**ADR/RID: Class 3, Code: F1  
IMDG: Class 3, Subrisk -  
IATA-DGR: Class 3**14.4 Packing group**

ADR/RID: II

**14.5 Environmental hazards**Dangerous for the environment: Substance/mixture is not environmentally hazardous  
according to the criteria of the UN model regulations.

Marine pollutant: no



## 14.6 Special precautions for user

### Land transport (ADR/RID)

Warning board:	ADR/RID: Kemmler-number 33, UN number UN 1993
Hazard label:	3
Special Provisions:	274 601 640D
Limited quantities:	1 L
EQ:	E2
Package - Instructions:	P001 IBC02 R001
Special provisions for packing together:	MP19
Portable tanks - Instructions:	T7
Portable tanks - Special Provisions:	TP1 TP8 TP28
Tank coding:	LGBF
Tunnel restriction code:	D/E

### Sea transport (IMDG)

EmS:	F-E, S-E
Special Provisions:	274
Limited quantities:	1 L
Excepted quantities:	E2
Package - Instructions:	P001
Package - Provisions:	-
IBC - Instructions:	IBC02
IBC - Provisions:	-
Tank instructions - IMO:	-
Tank instructions - UN:	T7
Tank instructions - Provisions:	TP1, TP8, TP28
Stowage and handling:	Category B.
Properties and observations:	-
Segregation group:	none

### Air transport (IATA)

Hazard label:	Flamm. liquid
Excepted Quantity Code:	E2
Passenger and Cargo Aircraft: Ltd.Qty.:	Pack.Instr. Y341 - Max. Net Qty/Pkg. 1 L
Passenger and Cargo Aircraft:	Pack.Instr. 353 - Max. Net Qty/Pkg. 5 L
Cargo Aircraft only:	Pack.Instr. 364 - Max. Net Qty/Pkg. 60 L
Special Provisions:	A3
Emergency Response Guide-Code (ERG):	3H

## 14.7 Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

#### National regulations - EC member states

Volatile organic compounds (VOC):

100 % by weight = 745 g/L

**Labelling of packaging with <= 125mL content**

Signal word:

**Danger**

Hazard statements:

H304

May be fatal if swallowed and enters airways.

H336

May cause drowsiness or dizziness.

Precautionary statements:

P102

Keep out of reach of children.

P261

Avoid breathing vapours.

P271

Use only outdoors or in a well-ventilated area.

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331

Do NOT induce vomiting.

P501

Dispose of contents/container to hazardous or special waste collection point.

Further regulations, limitations and legal requirements:

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]

Physical hazards: Code P5c, Quantity threshold 5 000 000 kg / 50 000 000 kg

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

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: annex I, part 1, P5c.

**15.2 Chemical Safety Assessment**

For this mixture a chemical safety assessment is not required.

**SECTION 16: Other information**

Wording of the H-phrases under paragraph 2 and 3:

H225 = Highly flammable liquid and vapour.

H304 = May be fatal if swallowed and enters airways.

H319 = Causes serious eye irritation.

H336 = May cause drowsiness or dizziness.

H412 = Harmful to aquatic life with long lasting effects.

Reason of change:

General revision

Date of first version:

4/1/2002

Department issuing data sheet: see section 1: Department responsible for information



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) No 2020/878

**Slidex**

Material number 800

Revision date: 25/1/2023

Version: 9.2

Replaces version: 9.1

Language: en-IE

Date of print: 3/2/2023

Page: 10 of 10

Abbreviations and acronyms: ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
Aquatic Chronic: Hazardous to the aquatic environment - chronic  
AS/NZS: Australian Standards/New Zealand Standards  
Asp. Tox.: Aspiration toxicity  
CAS: Chemical Abstracts Service  
CFR: Code of Federal Regulations  
CLP: Classification, Labelling and Packaging  
DMEL: Derived minimal effect level  
DNEL: Derived no-effect level  
EC: European Community  
EN: European Standard  
EQ: Excepted quantities  
EU: European Union  
Eye Irrit.: Eye irritation  
Flam. Liq.: Flammable liquid  
IATA: International Air Transport Association  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IMDG Code: International Maritime Dangerous Goods Code  
LEL: Lower Explosion Limit  
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships  
OEL: Occupational Exposure Limit Value  
OSHA: Occupational Safety and Health Administration  
PBT: Persistent, bioaccumulative and toxic  
PNEC: Predicted no-effect concentration  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail  
STOT SE: Specific target organ toxicity - single exposure  
TLV: Threshold Limit Value  
TRGS: Technical Rules for Hazardous Substances  
UN: United Nations  
vPvB: Very persistent and very bioaccumulative  
WEL: Workplace Exposure Limit

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.