



## Safety Data Sheet

according to UK REACH Regulation

### ILKA-Planofix

Revision date: 22.11.2022

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

##### 1.1. Product identifier

ILKA-Planofix

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

###### Use of the substance/mixture

Cleaning Product

For commercial users/professionals only!

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

Company name:	ILKA-Chemie GmbH	
Street:	Danziger Str. 21	
Place:	D-74613 Öhringen	
Telephone:	+49 7941-646 88 0	Telefax: +49 7941-646 88 55
e-mail:	post@ilka-chemie.com	
Internet:	www.ilka-chemie.com	

##### 1.4. Emergency telephone number:

Giftnotruf München: +49 89-19 240

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

##### 2.2. Label elements

###### GB CLP Regulation

###### Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

##### 2.3. Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or does not fall under Annex XIII of Regulation (EC) 1907/2006 (&lt; 0.1%)

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Chemical characterization

Mixture of the substances listed below with harmless additions

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#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
34590-94-8	(2-Methoxymethylethoxy)propanol			1 - < 5 %
	252-104-2			
7320-34-5	potassium pyrophosphate			1 - < 5 %
	230-785-7		01-2119489369-18	
	Eye Irrit. 2; H319			
126-92-1	Sodium 2-ethylhexyl sulfate			1 - < 5 %
	204-812-8		01-2119971586-23	
	Skin Irrit. 2, Eye Dam. 1; H315 H318			

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

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
34590-94-8	252-104-2	(2-Methoxymethylethoxy)propanol	1 - < 5 %
		inhalation: LC50 = 55 mg/l (vapours); dermal: LD50 = 9510 mg/kg; oral: LD50 = 5135 mg/kg	
7320-34-5	230-785-7	potassium pyrophosphate	1 - < 5 %
		inhalation: LC50 = >1100 mg/l (vapours); dermal: LD50 = >4640 mg/kg; oral: LD50 = 4640 mg/kg	
126-92-1	204-812-8	Sodium 2-ethylhexyl sulfate	1 - < 5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg Eye Dam. 1; H318: >= 20 - 100 Eye Irrit. 2; H319: >= 10 - < 20	

#### Labelling for contents according to Regulation (EC) No 648/2004

&lt; 5 % anionic surfactants, &lt; 5 % cationic surfactants.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

First aider: Pay attention to self-protection!

##### After inhalation

Provide fresh air.

##### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

##### After contact with eyes

Remove contact lenses.

Rinse immediately carefully and thoroughly with eye-bath or water.

##### After ingestion

Rinse mouth immediately and drink plenty of water.

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

No information available.

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

Treat symptomatically.

### SECTION 5: Firefighting measures



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#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Water spray jet  
ABC-powder  
Foam.

##### **Unsuitable extinguishing media**

Full water jet  
Strong water jet

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

Non-flammable.  
Carbon dioxide (CO<sub>2</sub>).  
smoke

#### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.  
Do not inhale explosion and combustion gases.

#### **Additional information**

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**

Use personal protection equipment.

##### **For non-emergency personnel**

No action should be taken that involves personal risk are associated or have not been adequately trained. evacuate the area. Not Deny necessary and unprotected personnel access. buried Do not touch or step on substance. Inhalation of vapor or mist avoid. Ensure adequate ventilation. With insufficient ventilation wear respirator. Put on suitable personal protective equipment

##### **For emergency responders**

Do not attempt to operate without proper protective equipment. More information: see Section 8 "Exposure controls/Personal Protective gear".

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

##### **For containment**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

##### **Other information**

Treat the recovered material as prescribed in the section on waste disposal.

#### **6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

No special measures are necessary.

##### **Advice on protection against fire and explosion**

No special fire protection measures are necessary.

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#### Advice on general occupational hygiene

The general hygiene measures in handling chemicals are to be followed.  
 Take off contaminated clothing.  
 Wash hands before breaks and after work.  
 When using do not eat or drink.

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

##### Requirements for storage rooms and vessels

Keep container tightly closed.

##### Hints on joint storage

No special measures are necessary.

#### 7.3. Specific end use(s)

Cleaning Product

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
34590-94-8	(2-methoxymethylethoxy) propanol	50	308		TWA (8 h)	WEL

##### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
34590-94-8	(2-Methoxymethylethoxy)propanol			
Worker DNEL, long-term		dermal	systemic	283 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	404 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	283 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	202 mg/m <sup>3</sup>
Consumer DNEL, long-term		oral	systemic	36 mg/kg bw/day
126-92-1	Sodium 2-ethylhexyl sulfate			
Consumer DNEL, long-term		oral	systemic	24 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	4060 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	85 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	2440 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	285 mg/m <sup>3</sup>

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#### PNEC values

CAS No	Substance	Value
Environmental compartment		
34590-94-8	(2-Methoxymethylethoxy)propanol	
Freshwater		19 mg/l
Marine water		1,9 mg/l
Freshwater sediment		70,2 mg/kg
Marine sediment		7,02 mg/kg
Soil		2,74 mg/kg
126-92-1	Sodium 2-ethylhexyl sulfate	
Freshwater		0,1357 mg/l
Marine water		0,0136 mg/l
Freshwater sediment		1,5 mg/kg
Marine sediment		0,15 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,35 mg/l
Soil		0,22 mg/kg

#### 8.2. Exposure controls



##### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

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

##### Eye/face protection

Wear eye/face protection.  
Tightly sealed goggles (EN166)

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

Normally not required  
In case of inadequate ventilation wear respiratory protection.

### SECTION 9: Physical and chemical properties

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

Physical state:	Liquid	
Colour:	clear	
Odour:	characteristic	
Melting point/freezing point:		not determined

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Boiling point or initial boiling point and boiling range:	100 °C
Flammability	
Solid/liquid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	>100 °C
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value (at 20 °C):	11,4
Water solubility:	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	1,084 g/cm <sup>3</sup>
Relative vapour density:	not determined

#### **9.2. Other information**

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

Self-ignition temperature

    Solid:

not applicable

    Gas:

not applicable

Oxidizing properties

    Not oxidising.

##### **Other safety characteristics**

Evaporation rate:

not determined

Solid content:

not determined

### **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 stable under storage at normal ambient temperatures.

#### **10.3. Possibility of hazardous reactions**

No known hazardous reactions.

#### **10.4. Conditions to avoid**

none

#### **10.5. Incompatible materials**

No information available.

#### **10.6. Hazardous decomposition products**

No known hazardous decomposition products.

### **SECTION 11: Toxicological information**

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

##### **Acute toxicity**

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

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
34590-94-8	(2-Methoxymethylethoxy)propanol				
	oral	LD50 mg/kg	5135	Rat	
	dermal	LD50 mg/kg	9510	Rabbit	
	inhalation (4 h) vapour	LC50	55 mg/l	Rat	
7320-34-5	potassium pyrophosphate				
	oral	LD50 mg/kg	4640	Rat	
	dermal	LD50 mg/kg	>4640	Rat	
	inhalation (4 h) vapour	LC50 mg/l	>1100	Rat	
126-92-1	Sodium 2-ethylhexyl sulfate				
	oral	LD50 mg/kg	>2000	Rat	ATE
	dermal	LD50 mg/kg	>2000	Rat	ATE

#### Irritation and corrosivity

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

#### Sensitising effects

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

#### Carcinogenic/mutagenic/toxic effects for reproduction

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

#### STOT-single exposure

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

#### 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.

#### Additional information on tests

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1. Toxicity

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

The product is not: Ecotoxic.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
34590-94-8	(2-Methoxymethylethoxy)propanol					
	Acute fish toxicity	LC50 mg/l	>1000	96 h	Poecilia reticulata (Guppy)	
	Acute algae toxicity	ErC50 mg/l	6999	72 h	Skeletonema costatum	
	Acute crustacea toxicity	EC50 mg/l	1919	48 h	Daphnia magna (Big water flea)	
126-92-1	Sodium 2-ethylhexyl sulfate					
	Acute fish toxicity	LC50 mg/l	>100	96 h	Danio rerio (zebrafish)	
	Acute algae toxicity	ErC50 mg/l	>100	72 h	Desmodesmus subspicatus	
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Daphnia magna (Big water flea)	

#### 12.2. Persistence and degradability

The product has not been tested.

#### 12.3. Bioaccumulative potential

The product has not been tested.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
34590-94-8	(2-Methoxymethylethoxy)propanol	1,01

#### BCF

CAS No	Chemical name	BCF	Species	Source
34590-94-8	(2-Methoxymethylethoxy)propanol	<100		

#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

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

The product has not been tested.

#### 12.6. Endocrine disrupting properties

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

#### 12.7. Other adverse effects

No information available.

#### Further information

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

##### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

### SECTION 14: Transport information





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#### Land transport (ADR/RID)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No information available.

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

not applicable

### SECTION 15: Regulatory information

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

##### EU regulatory information

##### Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC  
Regulation (EC) No. 648/2004 [Detergents regulation]

##### National regulatory information

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

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms

ADR: Accord européen sur le transport 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 Harmonized 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  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

#### Relevant H and EUH statements (number and full text)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
EUH210	Safety data sheet available on request.

#### Further Information

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

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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.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*