

**Safety Data Sheet**

according to UK REACH Regulation

ILKA-TR 79

Revision date: 23.11.2022

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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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 (< 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)			
126-92-1	Sodium 2-ethylhexyl sulfate			5 - < 10 %
	204-812-8		01-2119971586-23	
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
7320-34-5	potassium pyrophosphate			1 - < 5 %
	230-785-7		01-2119489369-18	
	Eye Irrit. 2; H319			
34590-94-8	(2-Methoxymethylethoxy)propanol			1 - < 5 %
	252-104-2			

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		
126-92-1	204-812-8	Sodium 2-ethylhexyl sulfate	5 - < 10 %
	dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg Eye Dam. 1; H318: >= 20 - 100 Eye Irrit. 2; H319: >= 10 - < 20		
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		
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		

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

5 % - < 15 % anionic surfactants, < 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

Co-ordinate fire-fighting measures to the fire surroundings.

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 (CO₂).

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 ³	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
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 ³
	Consumer DNEL, long-term	dermal	systemic	2440 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	285 mg/m ³
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 ³
	Consumer DNEL, long-term	dermal	systemic	283 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	202 mg/m ³
	Consumer DNEL, long-term	oral	systemic	36 mg/kg bw/day

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PNEC values

CAS No	Substance	Value
Environmental compartment		
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
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

8.2. Exposure controls



Appropriate engineering controls

Normally not required

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

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:	light yellow	
Odour:	perfumed	
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:	>97 °C
Decomposition temperature:	not determined
pH-Value (at 20 °C):	10
Water solubility:	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	1,052 g/cm ³
Relative vapour density:	not determined

9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion:	Not sustaining combustion
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
126-92-1	Sodium 2-ethylhexyl sulfate				
	oral	LD50 >2000 mg/kg	Rat	ATE	
	dermal	LD50 >2000 mg/kg	Rat	ATE	
7320-34-5	potassium pyrophosphate				
	oral	LD50 4640 mg/kg	Rat		
	dermal	LD50 >4640 mg/kg	Rat		
	inhalation (4 h) vapour	LC50 >1100 mg/l	Rat		
34590-94-8	(2-Methoxymethylethoxy)propanol				
	oral	LD50 5135 mg/kg	Rat		
	dermal	LD50 9510 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 55 mg/l	Rat		

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
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)	
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)	

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)

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

Marine transport (IMDG)

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

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

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

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 named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be

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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.)