

Safety Data Sheet

according to UK REACH Regulation

DEKAFINISHER

Revision date: 30.06.2021

Product code: 80300

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

1.1. Product identifier

DEKAFINISHER

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

Use of the substance/mixture

Water-based surface treatment agents, solvent-free

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name: DINOL GmbH
Street: Pyrmonter Strasse 76
Place: D-32676 Luegde
Telephone: + 49 (0) 5281 982980
e-mail: msds@dinol.com
Contact person: Labor
Responsible Department: msds@dinol.com

Telefax: + 49 (0) 5281 9829860

1.4. Emergency telephone number:

Giftnotruf Berlin: +49 30 30686 700 (Beratung in Deutsch und Englisch)

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

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
68891-38-3	Alcohols, C12-14, ethoxylated, sodium salts			1 - < 5 %
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts			1 - < 5 %
	307-055-2		01-2119489924-20	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412			

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

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
68891-38-3	500-234-8	Alcohols, C12-14, ethoxylated, sodium salts	1 - < 5 % %
		dermal: LD50 = 2000 mg/kg; oral: LD50 = 2000 mg/kg Eye Dam. 1; H318: >= 10 - 100 Eye Irrit. 2; H319: >= 5 - < 10	
97489-15-1	307-055-2	Sulfonic acids, C14-17-sec-alkane, sodium salts	1 - < 5 % %
		oral: ATE = 500 mg/kg Skin Irrit. 2; H315: >= 10 - 100 Eye Dam. 1; H318: >= 15 - 100 Eye Irrit. 2; H319: >= 10 - < 15	

Further Information

Labelling for contents according to regulation (EC) No. 648/2004: non-ionic surfactants > 5%, anionic surfactants 5-10%, perfumes: LIMONENE; Preservative : Phenoxyethanol

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.
If unconscious place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.
In case of skin irritation, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).
Do NOT induce vomiting.
Call a physician immediately.
Put victim at rest, cover with a blanket and keep warm.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

Water spray, Extinguishing powder, Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.
In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO2) Sulphur oxides

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

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Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. 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 measures**

Avoid contact with skin, eyes and clothes. Use personal protection equipment.

For emergency responders

For further specification, refer to section 8 of the SDS.

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**

Prevent spread over a wide area (e.g. by containment or oil barriers).

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

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

Other information

No information available.

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**

Keep/Store only in original container.

Advice on protection against fire and explosion

No special measures are necessary.

Advice on general occupational hygiene

Wash hands before breaks and after work.

When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep locked up and out of the reach of children. Keep only in the original container in a cool, well-ventilated place.

Hints on joint storage

No special measures are necessary.

Further information on storage conditions

Protect against: Frost, Heat, UV-radiation/sunlight.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

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DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
68891-38-3	Alcohols, C12-14, ethoxylated, sodium salts			
Worker DNEL, long-term		inhalation	systemic	175 mg/m ³
Worker DNEL, long-term		dermal	systemic	2750 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	52 mg/m ³
Consumer DNEL, long-term		dermal	systemic	1650 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	15 mg/kg bw/day
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts			
Worker DNEL, long-term		inhalation	systemic	35 mg/m ³
Worker DNEL, long-term		dermal	systemic	5 mg/kg bw/day
Worker DNEL, long-term		dermal	local	2,8 mg/person/day
Worker DNEL, acute		dermal	local	2,8 mg/person/day
Consumer DNEL, long-term		inhalation	systemic	12,4 mg/m ³
Consumer DNEL, long-term		dermal	systemic	3,57 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	7,1 mg/kg bw/day

PNEC values

CAS No	Substance	Value
68891-38-3	Alcohols, C12-14, ethoxylated, sodium salts	
Freshwater		0,24 mg/l
Marine water		0,024 mg/l
Micro-organisms in sewage treatment plants (STP)		10000 mg/l
Freshwater sediment		0,9168 mg/kg
Marine sediment		0,09168 mg/kg
Soil		7,5 mg/kg
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts	
Freshwater		0,04 mg/l
Marine water		0,004 mg/l
Freshwater sediment		9,4 mg/kg
Marine sediment		0,94 mg/kg
Secondary poisoning		53,3 mg/kg
Micro-organisms in sewage treatment plants (STP)		600 mg/l
Soil		9,4 mg/kg

8.2. Exposure controls



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Appropriate engineering controls

Provide adequate ventilation.
If handled uncovered, arrangements with local exhaust ventilation should be used if possible.
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Eye glasses with side protection (DIN EN 166)

Hand protection

Tested protective gloves must be worn (EN ISO 374):
FKM (fluoro rubber), Breakthrough time (maximum wearing time): 480 min.
NBR (Nitrile rubber), Breakthrough time (maximum wearing time): 480 min.
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.
Protective gloves have to be replaced at the first sign of deterioration.
Protect skin by using skin protective cream.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Respiratory protection

Not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	light yellow
Odour:	fruity
Odour threshold:	not determined

Test method

Changes in the physical state

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	>100 °C
Sublimation point:	not applicable
Softening point:	not applicable
Pour point:	not applicable
Flash point:	>100 °C

Flammability

Solid/liquid:	not applicable
Gas:	not applicable

Explosive properties

not applicable

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Auto-ignition temperature:	not determined

Self-ignition temperature

Solid:	not applicable
Gas:	not applicable

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Decomposition temperature: not determined

Oxidizing properties

not applicable

pH-Value (at 20 °C): 7-9

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Flow time: not determined

Water solubility: completely miscible

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Vapour pressure: not determined

Density (at 20 °C): 1,027 g/cm³ DIN 51757

Bulk density: not applicable

Relative vapour density: not determined

9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion: No data available

Other safety characteristics

Solvent separation test: not applicable

Solvent content: not determined

Solid content: not determined

Evaporation rate: not determined

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Heat, UV-radiation/sunlight, Frost

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

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

Toxicokinetics, metabolism and distribution

No information available.

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Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68891-38-3	Alcohols, C12-14, ethoxylated, sodium salts				
	oral	LD50 2000 mg/kg	Rat		
	dermal	LD50 2000 mg/kg	Rat		
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts				
	oral	ATE 500 mg/kg			

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.

Further information

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

SECTION 12: Ecological information

12.1. Toxicity

There are no data available on the mixture itself.

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
68891-38-3	Alcohols, C12-14, ethoxylated, sodium salts				
	Acute fish toxicity	LC50 >1 mg/l	96 h	Brachydanio rerio (zebra-fish)	
	Acute algae toxicity	ErC50 >10 mg/l	72 h	Desmodesmus subspicatus	
	Acute crustacea toxicity	EC50 >1 mg/l	48 h	Daphnia magna (Big water flea)	

12.2. Persistence and degradability

No data available

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
68891-38-3	Alcohols, C12-14, ethoxylated, sodium salts			
	OECD TG 301 A	70%	28	
	leicht abbaubar			

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12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.7. Other adverse effects

No data available

Further information

Product may not be released into water without pre-treatment (biological sewage plant).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation. Do not mix with other wastes.

List of proposed waste codes/waste designations in accordance with EWC:

List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

List of Wastes Code - used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Completely emptied packages can be recycled.

Remove according to the regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN 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:

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 pollutant:

no

Air transport (ICAO-TI/IATA-DGR)

14.1. UN 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.

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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

2004/42/EC (VOC): 0,0 %
0,0 g/l
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Observe in addition any national regulations!
Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Water hazard class (D): 1 - slightly hazardous to water

Additional information

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

15.2. Chemical safety assessment

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

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,3,4,5,6,7,8,9,10,13,15.

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)

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.

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H412 Harmful to aquatic life with long lasting effects.
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 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.)