

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 annex II and EC/2020/878

DFI Geisler Surface cleaner

Date of issue: 2024-08-29

Version 1

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

- 1.1 Product identifier**
- | | |
|--------------------|-----------------------------|
| Tradename | DFI Geisler Surface cleaner |
| Productcode | 262,3 |
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Cleaning agent
- 1.3 Details of the supplier of the safety data sheet**
- | | |
|------------------|----------------------------|
| | Leather Master Scandinavia |
| | Klangfärgsgatan 16 |
| | 426 52 Västra Frölunda |
| | Sweden |
| Telephone | +46 (0)31-69 51 50 |
| E-mail | info@leathermaster.se |
| Website | www.leathermaster.se |
- 1.4 Emergency telephone number**
For poison information call, NHS 111 (England), NHS 24 (Scotland) or NHS Direct (Wales), in emergencies call 999.

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture**
Classification CLP (1272/2008/EC)
The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.
- 2.2 Label elements:**
- Pictogram**
None
- Signal Word:** -
- Contents**
-
- Hazard statement Code(s)**
None
- Precautionary statements**
None
- Labelling according to Regulation (EC) No 648/2004**
<5% non-ionic surfactants.
<5% anionic surfactants
- Tactile warnings of danger:** No
- Child-resistant fastenings:** No
- 2.3 Other hazards**
The product is not considered to contain substances that meet the criteria for classification as PBT or vPvB substances in concentrations $\geq 0.1\%$.
Does not contain an endocrine disruptor (EDC).

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components	CAS-No EC-No Reg-No	Conc. %	Hazard Class & Category Code*	Hazard statement Code(s)*	Note
Alcohols, C10-12, ethoxylated propoxylated	68154-97-2 -- Polymer	<1	Eye Irrit. 2	H319	1
Potassium cumene sulfonate	164524-02-1 629-764-9 01-2119489427-24	<1	Eye Irrit. 2	H319	1
Sodium Cumenesulphonate	15763-76-5 239-854-6 01-2119489411-37	<1	Eye Irrit. 2	H319	1
Disodium metasilicate	6834-92-0 229-912-9 01-2119449811-37	<1	Skin Corr. 1B Eye Dam. 1 STOT SE 3	H314 H318 H335	1
Potassium hydroxide **	1310-58-3 215-181-3 01-2119487136-33	<0,5	Met. Corr. 1 Skin Corr. 1A Eye Dam. 1 Acute Tox. 4	H290 H314 H318 H302	1, 2

* The full text of Hazard statement Codes is listed under section 16.

SCL = Specific concentration limits

Eye Irrit. 2; H319: $0,5\% \leq C < 2\%$

Skin Corr. 1A; H314: $C \geq 5\%$

Skin Corr. 1B; H314: $2\% \leq C < 5\%$

Skin Irrit. 2; H315: $0,5\% \leq C < 2\%$

Explanation of note

1. Substance is classified as hazardous to health or environment.

2. Substance has hygiene limit values

3. Substance reaches the criteria to be classified as PBT according to (EG) nr 1207/2006, annex XIII

4. Substance reaches the criteria to be classified as vPvB according to (EG) nr 1207/2006, annex XIII

The classification is based on data from the chemical supplier and www.echa.europa.eu (databases)

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.

Inhalation

Fresh air.

Skin contact

Wash and rinse the skin thoroughly.

Eye contact

Rinse with lukewarm water for several minutes. Hold eyelids apart. Remove contact lenses, if present and easy to do. Contact a doctor if the complaints persist.

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SECTION 4: First aid measures (...)

Ingestion

Seek medical attention.

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

Inhalation: May irritate the respiratory organs.
Skin contact: Repeated exposure may cause skin dryness or cracking.
Eye contact: May be irritating in case of eye contact. (Burning, redness)
Ingestion: Ingestion may cause discomfort.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Alcohol-resistant foam, carbon dioxide (CO₂), powder, dispersed water jet or mist.
Do not use a direct water jet.

5.2 Special hazards arising from the substance or mixture

Do not breath fumes as during fire, hazardous fumes may be formed.
At high temperatures are formed: Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and protective clothing.

Additional information

Cool endangered containers with water in case of fire. Move containers from fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Protective gloves are recommended.

6.2 Environmental precautions

Prevent product from being flushed into surface water or sewage systems.

6.3 Methods and material for containment and cleaning up

Re-use product if possible. Small quantities may be wiped up with a cloth. Contain larger spill with inert material. Absorb in vermiculite, dry sand or earth. Flush afterwards with water.

6.4 Reference to other sections

See section 7 for proper handling and storage.

For personal protection see section 8.

Collected waste is placed in closed containers and disposed of as waste according to section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Normal precautions taken when handling chemicals should be observed.

Avoid inhalation of mist/vapour/aerosol when used.

Do not eat or drink while working. Do not smoke.

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SECTION 7: Handling and storage (...)

7.2 Conditions for safe storage, including any incompatibilities

Always store the product in containers made of the same material as the original. Store at temperatures between +5°C and 30°C in a cool, dry and ventilated place. Protect from strong heat and sun. Store tightly closed.

Keep away from oxidizing agents, strongly alkaline substances and strong acids.

7.3 Specific end use(s)

-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Provide adequate ventilation

Swedish limit values (AFS 2023:14)

Substance	CAS-No	Level limit value	Short time value	Note
Potassium hydroxide (inhalable fraction)	1310-58-3	1 mg/m ³	2 mg/m ³	-

British limit values (EH40/2005 Workplace exposure limits)

Substance	CAS-No	Long-term exposure limit	Short-term exposure limit	Comments
Potassium hydroxide	1310-58-3	-	2 mg/m ³	-

DNEL

Potassium hydroxide (1310-58-3)	Long-term exposure - Workers Local effects, Inhalation: 1 mg/m ³ Long-term exposure - Workers Systemic effects, Inhalation: 1 mg/m ³
Disodium metasilicate (6834-92-0)	Long-term exposure - Workers Systemic effects, Inhalation: 6.22 mg/m ³ Long-term exposure - Workers Systemic effects – Dermal: 1.49 mg/kg
Sodium Cumenesulphonate (15763-76-5)	Long-term exposure - Workers Systemic effects, Inhalation: 53.6 mg/m ³ Long-term exposure - Workers Systemic effects, Inhalation: 7.6 mg/kg
Potassium cumene sulfonate (164524-02-1)	Long-term exposure - Workers Systemic effects, Inhalation: 6.22 mg/m ³ Long-term exposure - Workers Systemic effects, Inhalation: 7.6 mg/kg

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SECTION 8: Exposure controls/personal protection (...)

8.2 Exposure controls

General protective and hygiene measures

The usual precautionary measures for the handling of chemicals have to be observed.

Individual protection measures, such as personal protective equipment

Always consult a competent person/supplier when selecting personal protective equipment

Respiratory protection

In case of insufficient ventilation or if the concentration exceeds the workplace-related limit values, respiratory protection adapted for the purpose must be used. (half or full mask with particle filter P2 against spray mist.)

Hand protection

In case of prolonged contact with concentrated product, safety gloves should be used.. (EN 374) Nitrile rubber (480 min, 0.4 mm).

When selection gloves, several parameters must be taken into account, usage, handling time, breakthrough time. etc

Eye protection

Usually not necessary.

Body protection

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Blue
Odour	Characteristic
Melting point/freezing point	0
Boiling point or initial boiling point and boiling range (°C)	98
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	Not determined
Kinematic viscosity	Not determined
Solubility	Not determined
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density	~1,04
Relative vapour density	Not determined
Particle characteristics	Not relevant. The product is a liquid.

9.2 Other information

Does not oxidize. Is not self-igniting. V.O.C: 0%

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SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

Stable under recommended storage and handling conditions.

10.4 Conditions to avoid

No known.

10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline substances and strong acids to prevent exothermic (heat-generating) reactions. Aluminum and zinc.

10.6 Hazardous decomposition products

At high temperatures, carbon monoxide (CO), carbon dioxide (CO₂), smoke, nitrous gases (NO_x) can be formed.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

See section 4 as well. (Most important symptoms and effects, both acute and delayed)

Irritating/corrosive properties

Not classified as irritant/corrosive according to CLP.

Acute toxicity

Not classified as acutely toxic according to CLP.

Toxicology data

Information/data about this preparation is not available.

Toxicological data regarding relevant constituent substances:

Potassium cumene sulfonate (164524-02-01)	LD ₅₀ Oral Rat: >2000 mg/kg
(1-Methylethyl)Benzenesulfonic Acid, Sodium Salt	LD ₅₀ Oral Rat >2000 mg/kg LD ₅₀ Dermal Rat >2000 mg/kg LC ₅₀ Inhalationg Rat 4h: >5 mg/l
Alcohols, C10-C12, Ethoxylated, Propoxylated (68154-97-2)	LD ₅₀ Oral Rat: >2000 mg/kg
Disodium metasilicate (6834-92-0)	LD ₅₀ Oral Mouse: 770 - 820 mg/kg LD ₅₀ Oral Rat: 1152 - 1349 mg/kg LD ₅₀ Dermal Rat: >5000 mg/kg LC ₅₀ Inhalationg Rat: 4h: >2,06 mg/l
Potassium hydroxide (1310-58-3)	LD ₅₀ Oral Rat: 365 mg/kg (OECD 425)

STOT-single exposure -repeated exposure.

No known

Routes of exposure

Inhalation, eyes and skin, ingestion.

Allergenic potential

This product is not classified as allergenic by inhalation or skin contact,

Carcinogenicity, mutagenicity and toxicity for reproduction

This product is not classified as carcinogen, mutagen and toxic for reproduction.

Aspiration hazard

No

11.2 Information on other hazards

Does not contain an endocrine disruptor (EDC).

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SECTION 12: Ecological information

This product is not classified as dangerous for the environment.
Do not flush into surface water or sanitary sewer system.

12.1 Toxicity

Information about this preparation is not available.

Toxicological data regarding relevant constituent substances:

Alkoholer, C10-C12, Ethoxyleret, Propoxyleret (68154-97-2)	LC ₅₀ Fish 96h: >1 - 10 mg/l
Kaliumcumenesulfonat (164524-02-01)	LC ₅₀ Fish 96h: >100 mg/l EC ₅₀ Daphnia 48h: >100 mg/l OECD 202 EC ₅₀ Algea 72h: >100 mg/l EC ₅₀ Bacteria 3h: >1000 mg/l
(1-Methylethyl)Benzenesulfonic Acid, Sodium Salt	LC ₅₀ Fish Cyprinus carpio 96h: >100 mg/l EC ₅₀ Daphnia magna 48h: >100 mg/l EC ₅₀ Desmodesmus subspicatus 72h: >100 mg/l EC ₅₀ Bacteria 3h: >1000 mg/l
Kaliumhydroxid (1310-58-3)	LC ₅₀ Fish 96h: 80 mg/l
Dinatriummetasilicat (6834-92-0)	LC ₅₀ Fish 96h: 2320 mg/l EC ₅₀ Daphnia 48h: 1700 mg/l OECD 202 EC ₅₀ Algea 72h: 207 mg/l DIN38412 EC ₅₀ Bacteria 3h: >1000 mg/l

12.2 Persistence and degradability

The products are considered to be readily biodegradable

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Alcohols, C10-C12, Ethoxylated, Propoxylated (68154-97-2) - >60% 28D. Readily biodegradable.OECD301B/ ISO 9439 / EEC 92/69 / V, C.4-C

Potassium cumene sulfonate (164524-02-01) - 99.8% 28D Readily biodegradable..

OECD301B/ ISO 9439 / EEC 92/69 / V, C.4-C

Sodium Cumenesulphonate (15763-76-5) - 99.8% 28D Readily biodegradable. OECD301B/ ISO 9439 / EEC 92/69 / V, C.4-C

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC).

12.7 Other adverse effects

No known.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

This product or residues of concentrated product are not classified as hazardous waste. The product can be burned. Dispose of in accordance with local authority requirements. Do not empty into drain or aquatic environment.

EWC code: Depends on line of business and use.

Disposal of Packaging

Well cleaned packaging could be left for recycling

SECTION 14: Transport information

The product is not classified as dangerous goods according to ADR/RID, IMDG, IATA-DGR.

14.1 UN number or ID number

-

14.2 UN proper shipping name

-

14.3 Transport hazard class(es)

-

14.4 Packing group

-

14.5 Environmental hazards

Marine Pollutant: No

14.6 Special precautions for user

-

14.7 Maritime transport in bulk according to IMO instruments

-

LQ

-

Tunnel restriction code

-

SECTION 15: Regulatory information

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

Classification according to Regulation (EC) No. 1907/2006 annex II and EC/2020/878. EH40/2005.

(EU) REACH Annex XVII

None listed.

(EU) Candidate list of SVHC substances

None listed.

(EU) REACH Annex XIV

None listed.

15.2 Chemical safety assessment

Assessment and chemical safety report has not been performed.

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SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

This information is provided for health and safety assessments by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation.

Sources

Safety data sheet provided by the manufacturer.
CLP-regulation, www.kemi.se, EH40/2005. www.echa.europa.eu (Databases)

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Abbreviations explanations

ADR: International Carriage of Dangerous Goods by Road
BCF: Bio Concentration Factor
CAS-nr: Chemical Abstracts Service number
DNEL: Derived No Effect Level
EC₅₀: Effect Concentration
EG-nr: A substance number i Einescs, Elincs or in No-Longer Polymers List.
IMDG: International Maritime Dangerous Goods Code.
LC₅₀: Lethal Concentration
LD₅₀: Lethal Dose
IC₅₀: Median Inhibition Concentration
NOEC: No Observed Effect Concentration
PBT-substance: Persistent, Bio accumulative and Toxic substances.
PNEC: Predicted No Effect Concentration
vPvB-substance: Very persistent and Very Bio accumulative substances.