

SAFETY DATA SHEET

KÄHRS OIL REFRESHER PRO (1L NEUTRAL AND WHITE)

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

1.1. Product identifier

Trade name: KÄHRS OIL REFRESHER PRO (1L NEUTRAL AND WHITE)
 Product no.: 710571, 710572
 Unique formula identifier (UFI): OXF0-G0C6-7000-XEAU

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

Relevant identified uses of the substance or mixture: Cleaning and maintenance.
 Uses advised against: None known.

1.3. Details of the supplier of the safety data sheet

Company and address: **AB Gustaf Kähr**
 Box 805
 SE-382 28 Nybro
 Sweden
 +46 481 460 00
 Contact person: info@kahrs.se
 Revision: 12/08/2026
 SDS Version: 5.0
 Date of previous version: 12/02/2026 (4.0)

1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)
 General public:
 England - Dial 111 to reach NHS 111 (24 hour service)
 Scotland - Dial 111 to reach NHS 24 (24 hour service)
 Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)
 See section 4 "First aid measures".

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word: Danger
 Hazard statement(s): Causes serious eye damage. (H318)

Precautionary statement(s):

General If medical advice is needed, have product container or label at hand. (P101)

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

<i>Prevention</i>	Keep out of reach of children. (P102)
<i>Response</i>	Wear eye protection/protective clothing. (P280) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) Immediately call a POISON CENTER/doctor. (P310)
<i>Storage</i>	Not applicable.
<i>Disposal</i>	Not applicable.
Hazardous substances:	Isotridecanol, ethoxylated
Additional labelling:	UFI: 0XF0-G0C6-7000-XEAU
Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:	< 5% · Anionic surfactants · Non-ionic surfactants · Preservation agent (BENZISOTHIAZOLINONE)

2.3. Other hazards

Additional warnings:	This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.
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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. ▼ Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Isotridecanol, ethoxylated	CAS No.: 69011-36-5 EC No.: 500-241-6 UK-REACH: 01-2119976362-32-XXXX Index No.:	3-<5%	Acute Tox. 4, H302 Eye Dam. 1, H318	[19]
Titanium dioxide	CAS No.: 13463-67-7 EC No.: 236-675-5 UK-REACH: 01-2119489379-17-XXXX Index No.:	<1%		
1,2-benzisothiazol-3(2H)-one	CAS No.: 2634-33-5 EC No.: 220-120-9 UK-REACH: 01-2120761540-60-XXXX Index No.: 613-088-00-6	<0.0036%	Acute Tox. 4, H302 (450.0 mg/kg bw) Skin Irrit. 2, H315 Skin Sens. 1A, H317 (C ≥ 0.036%) Eye Dam. 1, H318 Acute Tox. 2, H330 (ATE: 0,21 mg/L) Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:	In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.
Inhalation:	Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
Skin contact:	Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.
Eye contact:	If in eyes: Flush eyes with plenty of water or saline solution (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.
Ingestion:	If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
Burns:	Not applicable.

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

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

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

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapour, dust and spray mist.
Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid inhalation of vapour, dust and spray mist.

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material: Always store in containers of the same material as the original container.

Storage conditions: No specific requirements.

Incompatible materials: Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Titanium dioxide

Long term exposure limit (8 hours) (mg/m³): 10(inhalable)/4(respirable)

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.

EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

1,2-benzisothiazol-3(2H)-one

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	0.345 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	0.966 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.2 mg/m ³
Long term – Systemic effects - Workers	Inhalation	6.81 mg/m ³
Short term – Local effects - Workers	Inhalation	0.5 mg/L
Long term – Systemic effects - General population	Oral	1.2 mg/kg bw/day

Isotridecanol, ethoxylated

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	2080 mg/kg bw/day
Long term – Systemic effects - Workers	Inhalation	294 mg/m ³

Titanium dioxide

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	28 µg/m ³
Long term – Local effects - Workers	Inhalation	170 µg/m ³

PNEC

1,2-benzisothiazol-3(2H)-one

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		4.03 µg/L
Freshwater sediment		49.9 µg/kg
Intermittent release (freshwater)		1.1 µg/L
Intermittent release (marine water)		110 ng/L
Marine water		0.403 µg/L
Marine water sediment		4.99 µg/kg
Sewage treatment plant		1.03 mg/L
Soil		3 mg/kg

Isotridecanol, ethoxylated

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		4.36 µg/L
Freshwater sediment		119.4 µg/kg
Intermittent release (freshwater)		5.44 µg/L
Intermittent release (marine water)		544 ng/L
Marine water		436 ng/L
Marine water sediment		11.94 µg/kg
Sewage treatment plant		4.35 mg/L
Soil		21.3 µg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations: Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios: There are no exposure scenarios implemented for this product.

Exposure limits: Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures: The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked. Ensure that eyewash stations and safety showers are located within easy reach. Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures: In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure: No specific requirements.

Individual protection measures, such as personal protective equipment

Generally: Use only UKCA marked protective equipment.

Respiratory Equipment:

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Work situation	Type	Class	Colour	Standards
	No special when used as intended.			
When there is risk of formation of mist/aerosol	S/SL	P2	White	EN149



Skin protection:

Recommended	Type/Category	Standards
Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester.	-	-



Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
	No special when used as intended	-	-	-
In the event of prolonged exposure or high concentrations	Nitrile	0,4	> 480	EN374-2, EN374-3, EN388



▼ Eye protection:

Type	Standards
Safety glasses with side shields.	EN 166 / EN ISO 16321-1



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	No data available.
Odour / Odour threshold:	No data available.
pH:	6,1 - 7
Density (g/cm³):	0,98 - 1,01 (20 °C)
Kinematic viscosity:	No data available.
Particle characteristics:	Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):	No data available.
Softening point/range (°C):	Does not apply to liquids.
Boiling point (°C):	No data available.
Vapour pressure:	No data available.
Relative vapour density:	No data available.

Decomposition temperature (°C): No data available.

Data on fire and explosion hazards

Flash point (°C): No data available.

Flammability (°C): No data available.

Auto-ignition temperature (°C): No data available.

Lower and upper explosion limit (% v/v): No data available.

Solubility

Solubility in water: No data available.

n-octanol/water coefficient (LogKow): No data available.

Solubility in fat (g/L): No data available.

9.2. Other information

Oxidizing properties: No data available.

Other physical and chemical parameters: No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

Acute toxicity

Product/substance	Isotridecanol, ethoxylated
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	500 mg/kg
Other information:	ATE

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Rat
Route of exposure:	Oral
Test:	LD50

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Result: 450 mg/kg

Product/substance 1,2-benzisothiazol-3(2H)-one
Species: Rat
Route of exposure: Dermal
Test: LD50
Result: >2 000 mg/kg

Product/substance 1,2-benzisothiazol-3(2H)-one
Route of exposure: Inhalation
Result: 0.21 mg/L
Other information: Støv/tåke

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

Skin corrosion/irritation

Product/substance Titanium dioxide
Species: Human
Duration: 72 hours
Description: 300 µg/L
Result: Adverse effect observed (Slightly irritating)

Product/substance 1,2-benzisothiazol-3(2H)-one
Result: Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance Isotridecanol, ethoxylated
Result: Adverse effect observed (Causes serious eye damage)

Product/substance 1,2-benzisothiazol-3(2H)-one
Result: Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

Product/substance 1,2-benzisothiazol-3(2H)-one
Result: Adverse effect observed (sensitising)

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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.

Symptoms related to the physical, chemical and toxicological characteristics

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

11.2. Information on other hazards

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

Titanium dioxide has been classified by IARC as a group 2B.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	1,6 - 16 mg/l

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	4,4 mg/l

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

12.2. Persistence and degradability

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

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

Product is not covered by regulations on dangerous waste.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

20 01 30 Detergents other than those mentioned in 20 01 29

Specific labelling

Contaminated packing

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 UN / ID ***	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR/AD - N/RID	-	-	-	-	-
IMDG -	-	-	-	-	-
IATA -	-	-	-	-	-

* Packing group

** Environmental hazards

*** UN number or ID number

Additional information

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

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

Restrictions for application: No special.

Demands for specific education: No specific requirements.

Control of Major Accident Hazards (COMAH) - Not applicable.

Categories / dangerous substances:

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:

- < 5%
- Anionic surfactants
- Non-ionic surfactants
- Preservation agent (BENZISOTHIAZOLINONE)

Additional information: The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources: The Management of Health and Safety at Work Regulations 1999.
Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H330, Fatal if inhaled.
H400, Very toxic to aquatic life.
H410, Very toxic to aquatic life with long lasting effects.

▼ Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EC = Effective concentration
ED = Effective dose
EINECS = European Inventory of Existing Commercial chemical Substances
EL = Effective Loading
ErC = Concentration associated with x% growth rate response
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
HP = Hazardous Property code
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IC = X maximum inhibitory concentration
IMDG = International Maritime Dangerous Goods
LC = Lethal concentration
LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans
LD = Lethal dose
LOAEC = Lowest Observed Adverse Effect Concentration
LOAEL = Lowest Observed Adverse Effect Level
LOEC = Lowest Observed Effect Concentration
LogKow = logarithm of the n-octanol/water coefficient
LL = Lethal Loading
M = For multiplication factor
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NOAEC = No Observed Adverse Effect Concentration
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOELR = No Observable Effect Loading Rate
OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVCB = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

Safety Data Sheet Consulting

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle. The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en