

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Koranol Hartwachs-Öl
Article number : 4301060-99
Revision date : 10.10.2019
Print date : 10.10.2019
Version (Revision) : 1.3.0 (1.2.1)

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

1.1 Product identifier

Koranol Hartwachs-Öl (4301060-99)

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

Relevant identified uses

Coating agent.

Uses advised against

No information available.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Kurt Obermeier GmbH & Co. KG
Spezialchemikalien Holzschutz

Street : Berghäuser Str. 70

Postal code/city : 57319 Bad Berleburg

Telephone : +492751/524-0

Telefax : +492751/5041

Information contact : E-Mail: sdb@obermeier.de

1.4 Emergency telephone number

+49 / (0)700 24112112 (KOR)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

None

Classification procedure

Calculation method. On basis of test data.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

2.3 Other hazards

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

Distillates (petroleum), hydrotreated light ; EC No. : 265-149-8; CAS No. : 64742-47-8

Weight fraction : ≥ 40 - < 55 %

Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

Safety Data Sheet

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4.1 Description of first aid measures

General information

Change contaminated, saturated clothing. When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

Following inhalation

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

In case of skin contact

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

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water.

Self-protection of the first aider

First aider: Pay attention to self-protection!

Notes for the doctor

Special treatment

Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂) alcohol resistant foam Water spray jet Extinguishing powder Sand

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

In case of fire toxic gases may be formed. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Take the precautions customary when handling chemicals. Use personal protection equipment. See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

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6.3 Methods and material for containment and cleaning up

For cleaning up

Take up mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

None

6.5 Additional information

No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Protective measures

Use only in well-ventilated areas. Do not breathe gas/fumes/vapour/spray.

Measures to prevent fire

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours are heavier than air, spread along floors and form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container.

Hints on joint storage

Storage class (TRGS 510) : 10

Further information on storage conditions

Protect containers against damage. Keep away from heat. Protect against direct sunlight.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

Biological limit values

No data available

DNEL-/PNEC-values

DNEL/DMEL

No data available

PNEC

No data available

8.2 Exposure controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Personal protection equipment

Eye/face protection

Eye glasses with side protection

Skin protection

Hand protection

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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. EN ISO 374

Suitable material : Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : 480 minutes. Check leak tightness/impermeability prior to use. 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.

Thickness of the glove material : 0,4 mm

Respiratory protection

Respiratory protection necessary at: insufficient ventilation Handling larger quantities. aerosol or mist formation.

Suitable respiratory protection apparatus

Filtering device with filter or ventilator filtering device of type: A

General information

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing. Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuffs.

8.3 Additional information

No data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Liquid

Colour : colourless

Odour

like: Solvent

Safety characteristics

Solidifying point :	(1 bar / 1 Pa)	not determined	Brookfield
Melting point/freezing point :		not determined	
Freezing point :		not determined	
Initial boiling point and boiling range :	>	200 °C	
Decomposition temperature :		not determined	
Flash point :	approx.	62 °C	
Auto-ignition temperature :	approx.	210 °C	
Lower explosion limit :	approx.	0,5 Vol-%	
Upper explosion limit :	approx.	6,5 Vol-%	
Vapour pressure :	(50 °C)	not determined	
Density :	(20 °C)	approx. 0,85 g/cm ³	
Solvent separation test :	(20 °C)	not determined	
Fat solubility :	(20 °C)	Not determined.	
Solubility in water		Insoluble	
pH :	(20 °C)	not determined	
log P O/W :		not determined	
Cinematic viscosity :	(40 °C)	> 20,5 mm ² /s	
Odour threshold :		not determined	
Relative vapour density :	(20 °C)	not determined	
Evaporation rate :		not determined	
Vapourisation rate :		not determined	
Flammable solids :		Not determined.	
Flammable gases :		Not determined.	
Oxidising liquids :		Not determined.	
Explosive properties :		Not explosive according to EU A.14.	
Corrosive to metals :		Not determined.	

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9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

10.7 Additional information

No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

The product has not been tested.

Acute dermal toxicity

The product has not been tested.

Acute inhalation toxicity

The product has not been tested.

Specific effects (Longterm animal experiment)

The product has not been tested.

Corrosion

Skin corrosion/irritation

The product has not been tested.

Serious eye damage/eye irritation

The product has not been tested.

Irritation to respiratory tract

The product has not been tested.

Respiratory or skin sensitisation

Skin sensitisation

The product has not been tested.

Sensitisation to the respiratory tract

The product has not been tested.

Repeated dose toxicity (subacute, subchronic, chronic)

The product has not been tested.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

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The product has not been tested.

Germ cell mutagenicity

The product has not been tested.

Reproductive toxicity

The product has not been tested.

STOT-single exposure

The product has not been tested.

STOT-repeated exposure

The product has not been tested.

Aspiration hazard

Based on available data, the classification criteria are not met. For viscosity data, see section 9.

11.2 Toxicokinetics, metabolism and distribution

The product has not been tested.

11.3 Symptoms related to the physical, chemical and toxicological characteristics

No data available

11.4 Other adverse effects

No data available

11.5 Additional information

No data available

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

The product has not been tested.

Chronic (long-term) fish toxicity

The product has not been tested.

Acute (short-term) toxicity to crustacea

The product has not been tested.

Chronic (long-term) toxicity to crustacea

The product has not been tested.

Acute (short-term) toxicity to aquatic algae and cyanobacteria

The product has not been tested.

Chronic (long-term) algae toxicity

The product has not been tested.

Toxicity to microorganisms

The product has not been tested.

Terrestrial toxicity

The product has not been tested.

Toxicity to terrestrial plants

The product has not been tested.

Effects in sewage plants

The product has not been tested.

12.2 Persistence and degradability

Abiotic degradation

The product has not been tested.

Biodegradation

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The product has not been tested.

12.3 Bioaccumulative potential

The product has not been tested.

12.4 Mobility in soil

The product has not been tested.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Other adverse effects

No data available

12.7 Additional ecotoxicological information

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Consult the appropriate local waste disposal expert about waste disposal.

Product/Packaging disposal

Waste treatment options

Appropriate disposal / Product

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Appropriate disposal / Package

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Transport information Land transport (ADR/RID) : Sea transport (IMDG) : Air transport (ICAO-TI / IATA-DGR) :

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions of occupation

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Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions for homeworking. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

National regulations

Technische Anleitung Luft (TA-Luft)

Sum organic substances class III : 40 - 55 %

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to AwSV

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

REACH - Registration, Evaluation, Authorisation of Chemicals

GHS - Globally Harmonised System of Classification and Labeling

CLP - Classification, Labeling and Packaging of Substances and Mixtures

CAS - Chemical Abstract Service

TWA - Time Weighted Average

DNEL/DMEL - Derived No Effect Level

PNEC - Predicted No Effect Concentration

STP - Sewage Treatment Plant

TRGS - Technical Rules for Hazardous Substances (German Regulations)

STEL - Short-term Exposure Limit

TLV - threshold limit value

AGW - Occupational threshold limit value

RCP - Reciprocal Calculation Procedure

ATE - Acute Toxicity Estimate

MAK Threshold limit values Germany

LD50 - Lethal Dose, 50%

LC50 - Lethal concentration, 50%

OECD - Organization for Economic Cooperation and Development

NOAEL - No Observed Adverse Effect Level

EC50 - half maximal effective concentration

NOEC - No Observed Effect Concentration

PBT - Persistent, Bioaccumulative, Toxic

vPvB - very Persistent, very Bioaccumulative

ADR/RID - European Agreement concerning the International Carriage of Dangerous Goods by Road (Accord européen relatif au transport international des marchandises Dangereuses par Route)/Regulations Concerning the International Transport of Dangerous Goods by Rail (Règlement concernant le transport International ferroviaire de marchandises Dangereuses)

IMDG - International Maritime Dangerous Goods Code

ICAO - International Civil Aviation Association

IATA - International Air Transport Association

VwVws - German administrative regulation on the classification of substances hazardous to water into water hazard classes

AwSV - Ordinance on facilities for handling substances that are hazardous to water

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

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16.5 Relevant H- and EUH-phrases (Number and full text)

H304 May be fatal if swallowed and enters airways.

16.6 Training advice

None

16.7 Additional information

None

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.
