

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

1.1 Product identifier

· Trade name: *KAJO-Vaseline, Ph. Eur.*

· Article number: 61500000

· Registration number 01-2119490412-42

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

No further relevant information available.

· Application of the substance / the mixture Lubricant for Industrial use

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

KAJO GmbH

Boschstr. 13
59609 Anröchte
Germany

Further information obtainable from:

Department of Environmental Health and Safety:

sds@kajo.de

1.4 Emergency telephone number:

In England and Wales: Call NHS 111 - dial 111 or a doctor

In Scotland: Call NHS 24 - dial 111

In N Ireland: Contact your local GP or pharmacist during normal hours; visit www.gpoutofhours.hscni.net/ for GP services Out-of-Hours.

In Republic of Ireland: 01 809 2166

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The substance is not classified, according to the CLP regulation.

2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008 Void

· Hazard pictograms Void

· Signal word Void

· Hazard statements Void

2.3 Other hazards

Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation: Substances

CAS No. Description

Vaseline

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Remove contaminated clothing.

Can cause burns on contact with the product at high temperatures.

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- **After inhalation:**
Under normal conditions of use, this material is not likely to be a hazard by inhalation.
Symptoms: Irritation of the respiratory tract due to over-exposure to smoke, vapors or steam.
 - **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
Cool rapidly with cold water after contact with hot product.
Sterile wound cover.
Seek medical treatment.
 - **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
In case of contact with hot product rinse immediately with cold water. Have the affected person examined and treated by a specialist.
 - **After swallowing:**
Do not induce vomiting; call for medical help immediately.
Never give anything by mouth to an unconscious person.
 - **4.2 Most important symptoms and effects, both acute and delayed** Gastric or intestinal disorders
 - **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.
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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Dry sand
 - **For safety reasons unsuitable extinguishing agents:** Water with full jet
 - **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide (CO)
carbon dioxide
Smoke
 - **5.3 Advice for firefighters**
 - **Protective equipment:** Self-contained breathing apparatus and protective clothing.
 - **Additional information** Cool endangered receptacles with water spray.
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* SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with hot product.
Product forms slippery surface when combined with water.
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**
Product in molten form: Prevent the product from entering drains, rivers or other bodies of water. Solidified product can clog drains and sewage pipes.
- **6.3 Methods and material for containment and cleaning up:**
Dispose of the material collected according to regulations.
Allow to solidify. Pick up mechanically.
Clean the affected area carefully; suitable cleaners are:
Warm water and cleansing agent
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Avoid contact with hot product.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
Protect drains from spilled material and prevent the ingress of molten material as this can lead to constipation during cooling.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Storage class:** 11
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **DNELs**
DNEL (staff), inhalation, prolonged exposure, systemic = 2.7 mg / m³ / 8h (aerosol)
DNEL (coworker), dermal, prolonged exposure, systemic = 5.8 mg / kg / 8h
- **Additional Occupational Exposure Limit Values for possible hazards during processing:**
Recommendation; Occupational Exposure Limit: 2 mg / m³ TLV (USA)
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Do not eat, drink, smoke or sniff while working.
Do not carry product impregnated cleaning cloths in trouser pockets.
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
- **Respiratory protection:**
Not necessary if room is well-ventilated.
Respirator with combination filter for vapor and particulate (EN 141).
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Recommendation: Chemical resistant protective gloves (EN 374)

Hot / molten Product: Heat resistant gloves with long cuffs or gauntlets.

- **Material of gloves**
Nitrile rubber, NBR
Neoprene gloves
Fluorocarbon rubber (Viton)
Recommended thickness of the material: ≥ 0.4 mm
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
Value for the permeation: Level 6 = $\gg 480$
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:**

Use safety glasses according to EN 166 : 2001.

· **Body protection:**

Hot / molten product: Wear protective clothing when working with hot material: heat resistant overalls (with trouser legs above the boots and sleeves above the glove cuffs), heat resistant, high performance, non-slip boots (eg leather).

Non-slip shoes recommended

Oil resistant protective clothing

* SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

Form: Pasty

Colour: White

· **Odour:** Odourless· **Odour threshold:** Not determined.· **pH-value:** Not applicable.· **Change in condition**

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: Undetermined.

· **Flash point:** >150 °C· **Flammability (solid, gas):** Product is not flammable.· **Decomposition temperature:** Not determined.· **Auto-ignition temperature:** Not determined.· **Explosive properties:** Product does not present an explosion hazard.· **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

· **Vapour pressure at 20 °C:** <0.1 hPa· **Density:** Not determined.· **Relative density** Not determined.· **Vapour density** Not applicable.· **Evaporation rate** Not applicable.· **Solubility in / Miscibility with water:**

Insoluble.

· **Partition coefficient: n-octanol/water:** Not determined.· **Viscosity:**

Dynamic: Not applicable.

Kinematic: Not applicable.

· **9.2 Other information** The above values may vary within the commercial limits.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

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- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Avoid open flames.
- **10.5 Incompatible materials:** Strong oxidizing agents
- **10.6 Hazardous decomposition products:**
Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:	
Vaseline	
Oral	LD50 >5,000 mg/kg (rat) (OECD 401)
Dermal	LD50 >2,000 mg/kg (rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.

* SECTION 12: Ecological information

- **12.1 Toxicity**

· Aquatic toxicity:	
Vaseline	
EL50 akut (48h)	>10,000 mg/L (Daphnia magna (Großer Wasserfloh))
LL50 Akute Toxizität (96 h)	>100 mg/L (Pimephales promelas (Dickkopfrelritze))

- **12.2 Persistence and degradability**
The product is not readily biodegradable according to OECD criteria, but is inherently biodegradable.
Method: OECD 301 F: 31% (28 d)
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
The product may not be released into the environment without control.
Generally not hazardous for water
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Can be reused after reprocessing.
Small amounts can be disposed with household waste.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Packaging may be reused or recycled after cleaning.

SECTION 14: Transport information

· 14.1 UN-Number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

* SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Department of Environmental Health and Safety:
- **Contact:** Dr. John, Mail: sds@kajo.de
- **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 Harmonised System of Classification and Labelling of Chemicals

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CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Sources

Regulations:

Ordinance on facilities for the handling of water-endangering substances of 21.04.2017 (WGK classification)

REACH Regulation (EC) No 1907/2006 as last amended by Regulation (EU) No 2016/2235

Regulation (EC) No 1272/2008, as last amended by Regulation (EC) No 2016/1179

Internet:

<http://www.baua.de><http://www.arbeitssicherheit.de><http://www.dguv.de/ifa/de/gestis/stoffdb><http://logkow.cisti.nrc.ca><https://echa.europa.eu>· * **Data compared to the previous version altered.**

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