

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.09.2024

Version number 8 (replaces version 7)

Revision: 05.07.2024

### **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
- **CAS Number:**  
8009-03-8
- **EC number:**  
232-373-2
- **Index number:**  
649-254-00-X
- **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:**  
During normal business hours: +49 - 2947 - 881- 0  
Business hours: Mon-Fri: 8.00 h to 16.00 h

### **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 Substances**
- **CAS No. Description**  
CAS: 8009-03-8 Petrolatum
- **Identification number(s)**
- **EC number:** 232-373-2

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· **Index number:** 649-254-00-X· **Additional information:**

Subject to the derogation provided for in CLP 1272/2008, Note N: The classification as a carcinogen need not apply if the entire refining process is known and if it can be shown that the precursor is not a carcinogen.

### \* 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.

· **After inhalation:**

Under normal conditions of use, this material is not expected to present an inhalation hazard.

Symptoms: Irritation of the respiratory tract due to over-exposure to smoke, vapors or steam.

· **After skin contact:**

Cool rapidly with cold water after contact with hot product.

Cover wound with a sterile dressing.

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:**

No neutralisation attempts

Do not induce vomiting.

Never give anything by mouth to an unconscious person.

If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed**

Gastric or intestinal disorders

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

· **5.1 Extinguishing media**· **Suitable extinguishing agents:**CO<sub>2</sub>, 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:** Wear self-contained breathing apparatus and protective clothing.· **Additional information** Cool endangered receptacles with water spray.

### \* SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

The usual precautionary measures for handling chemicals must be observed.

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- **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.

## 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

- **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 / m<sup>3</sup> / 8h (aerosol)

DNEL (coworker), dermal, prolonged exposure, systemic = 5.8 mg / kg / 8h

· **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as 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).

- **Hand protection**



Recommendation: Chemical-resistant protective gloves (EN 374)

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

- **Material of gloves**

Nitrile rubber, NBR

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Hot / molten products:

Neoprene gloves

Fluorocarbon rubber (Viton)

Recommended material thickness:  $\geq 0.4\text{mm}$ 

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.

Additional note: The information is based on our own tests, literature references and information from glove manufacturers or is derived by analogy from similar substances. It should be noted that the daily usage time of a chemical protective glove in practice can be significantly shorter than the permeation time determined by tests due to the many influencing factors (e.g. temperature). Due to the large variety of types, the manufacturer's instructions for use must be observed.

· **Eye/face protection**



Recommendation: Use safety goggles according to EN 166:2001

Face protection

· **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**

· **Physical state**

Solid

· **Colour:**

White

· **Odour:**

Odourless

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

Undetermined.

· **Flammability**

Product is not flammable.

· **Lower and upper explosion limit**

· **Lower:**

Not determined.

· **Upper:**

Not determined.

· **Flash point:**

Not applicable.

· **Decomposition temperature:**

Not determined.

· **pH**

Not applicable.

· **Viscosity:**

· **Kinematic viscosity**

Not applicable.

· **Dynamic:**

Not applicable.

· **Solubility**

· **water:**

Insoluble.

· **Partition coefficient n-octanol/water (log value)**

Not determined.

· **Vapour pressure:**

Not applicable.

· **Density and/or relative density**

· **Density:**

Not determined.

· **Relative density**

Not determined.

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· <b>Vapour density</b>	Not applicable.
· <b>Particle characteristics</b> See section 3.	
· <b>9.2 Other information</b>	The above values may vary within the commercial limits.
· <b>Appearance:</b>	
· <b>Form:</b>	Pasty
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Ignition temperature:</b>	Not determined.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not applicable.
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **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.  
No further relevant information available.
- **10.5 Incompatible materials:** Strong oxidising 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 hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **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.

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- **Respiratory or skin sensitisation** 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.

-OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

NOAEL:&gt; = 1000 mg / kg bw / d

Reference: ECHA dossier

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.

Subacute dermal toxicity:

Method: OECD Guideline 410 (Repeated Dose Dermal Toxicity)

Exposure duration: 28d

Species: rabbit

NOAEL&gt; 1000 mg / kg bw / d

Reference: ECHA dossier

Subchronic dermal toxicity:

Method: OECD 411

Exposure duration: 90d

Species: rat

NOAEL:&gt; 2000 mg / kg bw / d

Source: ECHA dossier

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

- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
Based on the available data, the classification criteria are not met.  
In vitro mutagenicity / genotoxicity:
  - OECD Guideline 471 (Bacterial Reverse Mutation Assay)
  - OECD Guideline 476 (In Vitro Mammalian Cell Gene Mutation Test)
  - OECD Guideline 473 (In Vitro Mammalian Chromosomal Aberration Test)
 Result: negative.  
Reference: ECHA dossier

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

-OECD Guideline 451 (Carcinogenicity Studies)

NOAEL: 5000 mg / kg bw / d (oral)

Reference: ECHA dossier

- **11.2 Information on other hazards**

- |  |
|--|
| · <b>Endocrine disrupting properties</b> |
| Substance is not listed.                 |

## \* SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **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.

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- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
The product may not be released into the environment without control.  
Not hazardous for water.

## 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

· <b>14.1 UN number or ID number</b>	
· <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.2 UN proper shipping name</b>	
· <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b>	
· <b>ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>14.4 Packing group</b>	
· <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>UN "Model Regulation":</b>	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.

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· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

Substance is not listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

Substance is not listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

Substance is not listed.

· **Regulation (EC) No 273/2004 on drug precursors**

Substance is not listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

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 product safety

· **Contact:** Dr. John, Mail: sds@kajo.de

· **Version number of previous version:** 7

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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

EINECS: European Inventory of Existing Commercial Chemical Substances

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

DNEL: Derived No-Effect Level (REACH)

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 2020/878

Regulation (EC) No 1272/2008, as last amended by Regulation (EC) No 2017/776

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>

REGULATION (EU) 2015/830 of May, 28th 2015

· **\* Data compared to the previous version altered.**