

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

**Revision date:** 31 Oct 2025

**Print date:** 5 Nov 2025

**Version:** 1



Page 1/9

## Food Lube 25kg

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

#### 1.1. Product identifier

**Trade name/designation:**

Food Lube 25kg

**Article No.:**

T202025

**UFI:**

RS52-UX2H-G39W-HX0U

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

No data available

#### 1.3. Details of the supplier of the safety data sheet

**Supplier:**

**KANDO Service GmbH**

Hartleitnerstraße 3

4653 Eberstälzell

Austria

**Telephone:** +43 (0) 7241 213 79

**E-mail:** msds@kando.eu

#### 1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**Hazard components for labelling:**

4,4'-methylene bis(dibutyldithiocarbamate)

**Hazard statements:** none

**Supplemental hazard information:** none

**Precautionary statements:** none

#### 2.3. Other hazards

**Other adverse effects:**

The mixture contains the following substances fulfilling the PBT-/vPvB criteria according to REACH Annex XIII: 4,4'-methylene bis(dibutyldithiocarbamate)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 31 Oct 2025

Print date: 5 Nov 2025

Version: 1



Page 2/9

## Food Lube 25kg

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

**Hazardous ingredients / Hazardous impurities / Stabilisers:**

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 8042-47-5 EC No.: 232-455-8 REACH No.: 01-2119487078-27	<b>White mineral oil (petroleum)</b> Asp. Tox. 1 (H304) <b>Danger</b> <b>Acute Toxicity Estimate</b> ATE (oral) > 5,000 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, vapour) > 5 mg/L ATE (inhalation, dust/mist) > 5 mg/L	50 - < 100 weight-%
CAS No.: 10254-57-6 EC No.: 233-593-1 REACH No.: 01-2119969655-20	<b>4,4'-methylene bis(dibutylidithiocarbamate)</b> Aquatic Chronic 4 (H413) <b>Acute Toxicity Estimate</b> ATE (oral) > 16,000 mg/kg ATE (dermal) > 2,000 mg/kg	0.1 - < 1 weight-%

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

First aider: Pay attention to self-protection! Remove persons to safety. Never give anything by mouth to an unconscious person or a person with cramps.

##### Following inhalation:

Remove person to fresh air and keep comfortable for breathing. If in doubt or if symptoms occur, consult a doctor and show them this document. In the event of severe symptoms, call the emergency services immediately.

##### In case of skin contact:

Wash with plenty of water and soap. Take off contaminated clothing and wash it before reuse. If in doubt or if symptoms occur, consult a doctor and show them this document. In the event of severe symptoms, call the emergency services immediately.

##### After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Following ingestion:

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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

Treat symptomatically. Symptoms can occur only after several hours.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media:

Water mist, Foam, Carbon dioxide (CO<sub>2</sub>), Extinguishing powder

##### Unsuitable extinguishing media:

Full water jet

#### 5.2. Special hazards arising from the substance or mixture

Incomplete combustion and thermolysis can produce gases of varying toxicity. In the case of products containing hydrocarbons, e.g. CO, CO<sub>2</sub>, aldehydes and soot. These can be very dangerous if inhaled in high concentrations or in enclosed spaces.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

**Revision date:** 31 Oct 2025

**Print date:** 5 Nov 2025

**Version:** 1



Page 3/9

## Food Lube 25kg

### 5.3. Advice for firefighters

Do not inhale explosion and combustion gases. Move undamaged containers from immediate hazard area if it can be done safely. In case of fire: Wear self-contained breathing apparatus.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

General information Wear breathing apparatus if exposed to vapours/dusts/aerosols. Remove all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

First aider: Pay attention to self-protection!

##### Protective equipment:

Wear personal protection equipment (refer to section 8).

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Fight fire with normal precautions from a reasonable distance.

### 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). Ensure that all waste water is collected and channelled to a waste water treatment plant.

### 6.3. Methods and material for containment and cleaning up

##### For containment:

Prevent spread over a wide area (e.g. by containment or oil barriers).

##### For cleaning up:

Clean contaminated articles and floor according to the environmental legislation.

##### Other information:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

Observe instructions for use. When using do not eat, drink, smoke, sniff.

Wear personal protection equipment (refer to section 8).

##### Fire prevent measures:

Keep away from sources of ignition - No smoking.

##### Measures to prevent aerosol and dust generation:

Dust must be exhausted directly at the point of origin. Vapours/aerosols must be exhausted directly at the point of origin. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

##### Advices on general occupational hygiene

Avoid exposure. Wear suitable protective clothing when working. Draw up and observe skin protection programme.

Avoid contact with eyes.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 31 Oct 2025

Print date: 5 Nov 2025

Version: 1



Page 4/9

## Food Lube 25kg

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels:

Keep container tightly closed. Observe legal rules and regulations.

#### Hints on storage assembly:

Do not store together with: Oxidizing agent, Pyrophoric or self-heating substances, Food and feedingstuffs

**Storage class (TRGS 510, Germany):** 10 - Combustible liquids that cannot be assigned to any of the above storage classes

#### Further information on storage conditions:

Store in a cool dry place.

### 7.3. Specific end use(s)

#### Recommendation:

Lubricating agent

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

No data available

#### 8.1.2. Biological limit values

No data available

#### 8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
<b>White mineral oil (petroleum)</b> CAS No.: 8042-47-5 EC No.: 232-455-8	164.56 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>White mineral oil (petroleum)</b> CAS No.: 8042-47-5 EC No.: 232-455-8	34.78 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects
<b>White mineral oil (petroleum)</b> CAS No.: 8042-47-5 EC No.: 232-455-8	217.05 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
<b>White mineral oil (petroleum)</b> CAS No.: 8042-47-5 EC No.: 232-455-8	93.02 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
<b>White mineral oil (petroleum)</b> CAS No.: 8042-47-5 EC No.: 232-455-8	25 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

Tight-fitting safety goggles EN 166

##### Skin protection:

Hand protection:

Preventive skin protection with skin protection ointment. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. 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.

Suitable material: NBR (Nitrile rubber); Breakthrough time: 480 min; Thickness of the glove material: 0,45 mm; EN ISO 374

Body protection:

Wear suitable protective clothing when working. Take off contaminated clothing and wash it before reuse.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

**Revision date:** 31 Oct 2025

**Print date:** 5 Nov 2025

**Version:** 1



Page 5/9

## Food Lube 25kg

### Respiratory protection:

Use respiratory protection when exposed to vapours/dust/aerosol. If the relevant occupational exposure limits are exceeded, the following must be observed: Suitable respiratory protective device: Combination filter device (DIN EN 141). Filter unit with filter or blower filter unit type: A. Observe the wear time limits as specified by the manufacturer. Observe legal rules and regulations.

### 8.2.3. Environmental exposure controls

Observe legal rules and regulations.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state:** solid

**Form:** pasty

**Colour:** colourless

**Odour:** odourless

**flammability:** No data available

#### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	No data available		
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	No data available		
Flash point	170 °C		① ISO 3679
Evaporation rate	No data available		
Vapour pressure	No data available		
Density	0.9 g/cm <sup>3</sup>	20 °C	① DIN 51757
Bulk density	No data available		
Water solubility	easily soluble		

#### particle characteristics:

No data available

### 9.2. Other information

The product is not explosive.

Not oxidising.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

Stable under normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Take precautionary measures against static discharge.

### 10.5. Incompatible materials

Oxidizing agent, Pyrophoric or self-heating substances

### 10.6. Hazardous decomposition products

Incomplete combustion and thermolysis can produce gases of varying toxicity. In the case of products containing hydrocarbons, e.g. CO, CO<sub>2</sub>, aldehydes and soot. These can be very dangerous if inhaled in high concentrations or in enclosed spaces.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 31 Oct 2025

Print date: 5 Nov 2025

Version: 1

Page 6/9



## Food Lube 25kg

### Further information

Do not mix with other chemicals.

## SECTION 11: Toxicological information

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

#### Toxicological information

Acute Toxicity Estimate for Mixtures		
ATE (oral):	>2,000 mg/kg	
ATE (dermal):	>2,000 mg/kg	
ATE (inhalation, vapour):	>20 mg/L	
ATE (inhalation, dust/mist):	>5 mg/L	
White mineral oil (petroleum)	CAS No.: 8042-47-5	EC No.: 232-455-8
LD <sub>50</sub> oral:	>5,000 mg/kg (Rat)	
LD <sub>50</sub> dermal:	>2,000 mg/kg (Rabbit)	
LC <sub>50</sub> Acute inhalation toxicity (vapour):	>5 mg/L (Rat) OECD 403	
LC <sub>50</sub> Acute inhalation toxicity (dust/mist):	>5 mg/L 4 h (Rat)	
4,4'-methylene bis(dibutyldithiocarbamate)	CAS No.: 10254-57-6	EC No.: 233-593-1
LD <sub>50</sub> oral:	>16,000 mg/kg (Ratte) OECD 401	
LD <sub>50</sub> dermal:	>2,000 mg/kg (Kaninchen)	

#### Acute oral toxicity:

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

#### Acute dermal toxicity:

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

#### Acute inhalation 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.

#### 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.

#### 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.

#### Additional information:

Information on probable routes of exposure: oral, inhalation, Dermal, Eye contact

Reference to other sections: 2.1, 4.2

### 11.2. Information on other hazards

#### Endocrine disrupting properties:

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

#### Other information:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 31 Oct 2025

Print date: 5 Nov 2025

Version: 1

Page 7/9



## Food Lube 25kg

### SECTION 12: Ecological information

#### 12.1. Toxicity

**White mineral oil (petroleum)** CAS No.: 8042-47-5 EC No.: 232-455-8

**LC<sub>50</sub>:** >100 mg/L (fish) OECD 203

**ErC<sub>50</sub>:** >100 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus)

#### 12.2. Persistence and degradability

**White mineral oil (petroleum)** CAS No.: 8042-47-5 EC No.: 232-455-8

**Biodegradation:** Yes, slowly

#### 12.3. Bioaccumulative potential

**White mineral oil (petroleum)** CAS No.: 8042-47-5 EC No.: 232-455-8

**Log K<sub>OW</sub>:** 5.18

**Bioconcentration factor (BCF):** 5,000

**4,4'-methylene bis(dibutyldithiocarbamate)** CAS No.: 10254-57-6 EC No.: 233-593-1

**Log K<sub>OW</sub>:** 8.42

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

**White mineral oil (petroleum)** CAS No.: 8042-47-5 EC No.: 232-455-8

**Results of PBT and vPvB assessment:** —

**4,4'-methylene bis(dibutyldithiocarbamate)** CAS No.: 10254-57-6 EC No.: 233-593-1

**Results of PBT and vPvB assessment:** —

The mixture contains the following substances fulfilling the PBT-/vPvB criteria according to REACH Annex XIII 4,4'-methylene bis(dibutyldithiocarbamate)

#### 12.6. Endocrine disrupting properties

This product does not contain any substance that exhibits endocrine disrupting properties towards non-target organisms, as no ingredient fulfills the criteria.

#### 12.7. Other adverse effects

water hazard class 1: slightly hazardous to water

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

##### 13.1.1. Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

##### Waste code product

12 01 12 \* spent waxes and fats

\*: Evidence for disposal must be provided.

##### Waste code packaging

15 01 10 \* packaging containing residues of or contaminated by dangerous substances

\*: Evidence for disposal must be provided.

#### Waste treatment options

##### Appropriate disposal / Package:

Uncleaned packaging: Completely emptied packages can be recycled.

Recommended cleaning agent: Water, if necessary with the addition of cleaning agents.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 31 Oct 2025

Print date: 5 Nov 2025

Version: 1



Page 8/9

## Food Lube 25kg

### SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

#### 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

##### 15.1.1. EU legislation

###### Restrictions on use:

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]: No information available.

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds: No information available.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: Not subject to the SEVESO III Directive.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

##### 15.1.2. National regulations

No data available

#### 15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

### SECTION 16: Other information

#### 16.1. Indication of changes

No data available

#### 16.2. Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EN	European Standard
EWC	European Waste Catalogue



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

**Revision date:** 31 Oct 2025

**Print date:** 5 Nov 2025

**Version:** 1



Page 9/9

## Food Lube 25kg

ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Standards Organisation
KG	body weight
LC <sub>50</sub>	Lethal (fatal) Concentration 50%
LD <sub>50</sub>	Lethal (fatal) Dose 50%
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
OECD	Organisation for Economic Cooperation and Development
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

### 16.3. Key literature references and sources for data

No data available

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H304	May be fatal if swallowed and enters airways.
H413	May cause long lasting harmful effects to aquatic life.

### 16.6. Training advice

No data available

### 16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.