

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 08.03.2013

Version: 2

Revision: 08.03.2013

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

- **1.1 Product identifier**
- Trade name: CremerVERO Jojoba Oil
CremerVERO Jojoba Oil Lite
CremerVERO Jojoba Oil Lite Organic
CremerVERO Jojoba Oil Gold Organic
- CAS Number:
61789-91-1
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.
- **Application of the substance / the preparation:**
Basic raw material for the chemical industry
Cosmetic raw material
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier/Manufacturer:**
CREMER OLEO GmbH & Co. KG
Glockengiesserwall 3
20095 Hamburg
Germany

Tel.: +49-40-32011-0
Fax: +49-40-321757
- **Email competent person:** quality47@cremer.de
- **Information department:** See supplier/manufacturer
- **1.4 Emergency telephone number:**
GIZ-Nord, Göttingen, Germany
+49 551 19240

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.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
- **Information concerning particular hazards for human and environment:**
According to current European laws and regulations the product is not dangerous or toxic material (based on the available data).
- **Classification system:**
The classification was made according to the latest editions of the EC-lists and expanded using company data and specialized literature.
- **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 characterization: Substances**
- **CAS No. Description:**
61789-91-1 / 90045-98-0 Jojoba oil

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· Identification number(s): -

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SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** If symptoms persist or in case of doubt, seek medical advice.
- **After inhalation:** Take affected persons into fresh air and keep still.
- **After skin contact:** Wash with water and soap.
- **After eye contact:**
Rinse the eyes with open eyelids for 10 - 15 minutes with water.
If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Never give anything by mouth to an unconscious person.
Do not induce vomiting.
Unless instructed explicitly by medical staff.
In case of unintentional swallowing of larger quantities or if any symptoms occur seek medical treatment.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** Symptomatic treatment

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Foam
Carbon dioxide (CO₂)
Sand
Fire-extinguishing powder
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** High volume water jet
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon dioxide (CO₂)
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:**
Dam up larger quantities and pump into containers.
Small quantities:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Make sure to recycle or dispose of in suitable receptacles.
Clean the affected area carefully; suitable cleaners are:
Warm water and cleansing agent

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· **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**

- No special precautions are necessary if used correctly.
- Keep away from heat and direct sunlight.

· **Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

- Store only in the original receptacle.
- Store at ambient temperatures and under dry conditions.
- Suitable material for containers and packaging:
Stainless steel

Unsuitable material:

LDPE (Polyethylene of low density)

· **Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from feed.

Store away from oxidizing agents.

· **Further information about storage conditions:**

- Keep receptacle tightly sealed.
- Protect from heat (steam pipes, radiators etc.), open flames, other ignition sources and direct sunlight.

· **Storage class:** 10 Combustible liquids

· **7.3 Specific end use(s)** No further relevant information available

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Components with limit values that require monitoring at the workplace:** Not required

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

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures should be adhered to when handling chemicals.

Wash hands before breaks and at the end of work.

After contact with eyes, rinse immediately.

· **Breathing equipment:** Not required

· **Protection of hands:**

At longer contact: protective gloves

The glove material has to be impermeable and resistant to the product/substance/preparation.

Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation

After use of gloves apply skin-cleaning agents and skin cosmetics.

· **Material of gloves:**

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.

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- **Penetration time of glove material:**
The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties	
· General Information:	
· Appearance:	
Form:	Liquid
Colour:	Clear Golden yellow
· Odour:	Light Fat-like
· Change in condition:	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
· Flash point:	295 °C
· Flammability (solid, gaseous):	Not applicable
· Ignition temperature:	338 °C
· Decomposition temperature:	Not determined
· Self ignition temperature:	Not determined
· Danger of explosion:	Not determined
· Explosion limits:	
Lower:	Not determined
Upper:	Not determined
· Density:	0.86-0.87 g/cm ³
· Solubility in / Miscibility with Water:	Insoluble
· Partition coefficient (n-octanol/water):	Not determined
· Viscosity:	
dynamic:	Not determined
kinematic:	Not determined
· 9.2 Other information	No further relevant information available

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications
To avoid thermal decomposition do not overheat.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known

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- **10.4 Conditions to avoid** No further relevant information available
- **10.5 Incompatible materials:** Strong oxidants
- **10.6 Hazardous decomposition products:**
No hazardous decomposition products if instructions for storage and handling are followed

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
Oral LD₅₀ 21.5 ml/kg (rat)
- **Primary irritant effect:**
- **on the skin:** No irritating effect
- **on the eye:**
Slight irritation species: rabbit (eye)
Not to be classified
- **Sensitization:** No sensitizing effects known
- **Other information (about experimental toxicology):** Ames-test: negative
- **Carcinogenic, mutagenic effects and adverse effects on reproduction:**
Carcinogenicity: no data available
Toxicity for reproduction: no information available
Mutagenicity: no data available
- **Subacute to chronic toxicity:**
- **STOT-single exposure** No data available
- **STOT-repeated exposure:** No data available
- **Additional toxicological information:** The substance is not subject to classification according to the latest version of the EU lists.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Presently there are no ecotoxicological values available.
- **12.2 Persistence and degradability** No further relevant information available
- **Other information:**
The product is readily biodegradable.
In analogy to similar product
- **12.3 Bioaccumulative potential** No further relevant information available
- **12.4 Mobility in soil** No further relevant information available
- **Additional ecological information:**
- **General notes:** Not hazardous to water according to VwVwS (German regulation) appendix 1 dated 27.7.2005
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Other adverse effects** No further relevant information available

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Disposal according to instructions of local authorities

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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:	Not applicable
· 14.6 Special precautions for user	Not applicable
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
· UN "Model Regulation":	-

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:**
Not hazardous for water
Code No. according to catalog of water endangering substances: 760
- **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.

- **Reasons for amendments:** Change of trade name
- **Replaces version dated:** 02.08.2012
- **Department issuing MSDS:**
KFT Chemieservice GmbH
Im Leuschnerpark. 3 64347 Griesheim
Postfach 1451 64345 Griesheim
Germany

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· **Contact:** Dr. Nicole Rugen-Penkalla

· **Abbreviations and acronyms:**

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

· **Sources:** CIR Report (Toxicology Data Network)

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