

Guidance on Safe Use [Abstract]

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/ UNDERTAKING

Product Name: [Abstract]

Product identifiers:

Substance name: Fatty acids, palm oil olein
EC number: 308-588-3
CAS number: 98106-66-2

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

Identified uses: The product is primarily used for food and feed. The product can also be used in various industrial, professional and consumer applications, including biocidal products, candles, surfactants/emulsifiers, pharmaceuticals, washing and cleaning products, soaps, cosmetics/personal care products, perfumes, etc. It may also be used as a source of energy.

Uses advised against: none.

Supplier:	Loders Croklaan B.V.	IOI - Loders Croklaan Oils B.V.
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Telephone number:	+31 [REDACTED] 24/7 available.	
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HAZARDS IDENTIFICATION

This product is not considered hazardous. It does not meet the criteria for classification and labelling according to Dangerous Substances Directive 67/548/EEC and Regulation (EC) 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of free fatty acids, monoglycerides, diglycerides and triglycerides in various proportions.

FIRST AID MEASURES

Ingestion:	No particular first aid measures are generally required. Immediate medical attention is normally not needed.
Skin contact:	No particular first aid measures are generally required. Immediate medical attention is normally not needed.
Eye contact:	Flush eyes with water. Seek medical attention if irritation occurs.
Inhalation:	Remove from area of exposure; seek medical attention if symptoms occur.

FIRE-FIGHTING MEASURES

Specific hazards:	Combustion is likely to give rise to a complex mixture of air-borne solid and liquid particulates and gases, including carbon monoxide, acroleine and unidentified organic and inorganic compounds.
Extinguishing media:	Foam and dry chemical powder. Carbon dioxide, sand or earth may be used for small fires only.
Not suitable:	Water in a jet. Water stream may splash the burning liquid and spread fire.
Fire and hazards:	Oil soaked rags or insulating materials can cause spontaneous combustion if not handled properly.
Explosion potential:	Potential of dust explosion or ignition does exist with finely divided solids or spray when the concentration reaches the right level. Hot liquid may splash with water.
Protective equipment:	Fire-fighters should use proper protective equipment including self-contained breathing apparatus to avoid exposure to smoke and vapour.

ACCIDENTAL RELEASE MEASURES

Precautions:	In heated condition risk of splattering in case of contact with water. Be aware of slippery surface.
Environmental precautions:	Prevent draining into open water. Collect spilled material and dispose of in accordance with local regulations, preferably by incineration.
Methods for cleaning:	Spillages and uncontrolled discharges should be kept separately, and processed as waste. Wash hard surfaces with detergent to remove remaining oil film.
Other information:	Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

HANDLING AND STORAGE

Handling:	Palletised drums and pails should be handled carefully. Stacking of more than two pallets on top of one another should be avoided.
Storage:	The packaged product should be stored in an odourless, clean, cool and dry place. Direct exposure to light should be avoided.
Special precautions:	None.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal precautions	Avoid contact with skin and eyes.
- Eye protection:	Wear safety glasses or full face shield if splashes are likely to occur.
- Skin protection:	Wear impermeable gloves.
Hygiene measures:	Handle in accordance with good occupation hygiene.
Ventilation:	Ensure ventilation or local exhaust if formation of vapours occurs.

When handling hot product use suitable personal protection measures.

If the product is handled in powder form, sprayed or otherwise finely dispersed in the air, the use of appropriate risk management measures (e.g. filter mask) is recommended.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid or semi solid, powder, liquid, depending on temperature.
Colour:	White – Yellow – Brown.
Odour:	Characteristic for fatty acids.
Relative density:	0.86 – 0.93 at 70°C.
Water solubility:	Almost insoluble in water.

STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Strong oxidizing agents.
Hazardous reactions:	Not to be expected during normal storage and use.
Decomposition products:	Thermal decomposition will evolve a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide, acrolein and unidentified organic and inorganic compounds.

TOXICOLOGICAL INFORMATION

This product has a very long history of safe use in a wide range of nutritional (food and feed), cosmetic and industrial applications. Acute oral, inhalation or dermal toxicity is not considered to pose an issue for human health under normal and foreseeable handling and use conditions. The product is not expected to be carcinogenic. It is not expected to induce mutagenic effects. It is not expected to produce reproductive or developmental toxicity.

Skin irritation:	Not or only slightly irritating.
Eye irritation:	Minimally to mildly irritating.
Skin sensitization:	Not sensitizing.

ECOLOGICAL INFORMATION

This product is not expected to bioaccumulate in aquatic and terrestrial organisms.

DISPOSAL CONSIDERATIONS

Depending on local regulations the product can be incinerated in approved installations.

TRANSPORT INFORMATION

Not dangerous for conveyance under IMDG, ADR/RID and ICAO/IATA codes.
It is recommended that our products should be transported in accordance with the Loders Croklaan Transport Policy (available on request).
Transport can be done under modified atmosphere. Oxidation processes can lead to a life-threatening shortage of oxygen. Risk of asphyxiation occurs on tank entry. Ventilate transport tank thoroughly and measure air content before entering. Standard procedures for opening and/or entering empty tanks must strictly be followed.

Disclaimer:

The information contained herein summarizes our best knowledge of the health and safety hazard information of the specified products and how to safely handle the specified product in the workplace. However, all statements, recommendations or suggestions are made without any guarantee, representation or warranty, express or implied, on our part and we therefore exclude all liability in connection with the use of this information or the products referred to herein. All such risks are assumed by the purchaser or user.

Noot

In dit document zijn gedeeltes onleesbaar gemaakt op grond van artikel 5 van de Wet open overheid:

- Art. 5.1 lid 2 onderdeel e Woo (e-mail)
- Art. 5.1 lid 2 onderdeel e Woo