


IOI OLEOCHEMICAL

SOFTISAN® GC8, SOFTISAN® GC8 PalmFree

Safety Data Sheet

A safety data sheet is not required for this product in accordance with national legal requirements. This document has been created on a voluntary basis following the format of the safety data sheet.
 Issue date: 12/03/2020 Revision date: 12/03/2020 Supersedes: 12/07/2018 Version: 6.01

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

1.1. Product identifier

Product form : Substance
 Trade name : SOFTISAN® GC8, SOFTISAN® GC8 PalmFree
 Chemical name : octanoic acid, monoester with glycerol
 EC-No. : 247-668-1
 CAS-No. : 26402-26-6
 REACH registration No : 01-2120119773-55-0000

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Raw material: Industrial uses, Cosmetic products

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier

IOI Oleo GmbH
 Zur Hafenspitze 15
 D-19322 Wittenberge
 T +49 40 280031-0

Email competent person

MSDS@ioioleo.de

1.4. Emergency telephone number

Emergency number : National Health Service (NHS)
 24 hour national number consumer
 England and Scotland: 111
 Wales: 0845 46 47
 Northern Ireland: call your local General Practitioner

 Call 999 if there is a life-threatening incident.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
 This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Name	Product identifier	%
octanoic acid, monoester with glycerol	(CAS-No.) 26402-26-6 (EC-No.) 247-668-1 (REACH-no) 01-2120119773-55-0000	-

SOFTISAN® GC8, SOFTISAN® GC8 PalmFree

Safety Data Sheet

A safety data sheet is not required for this product in accordance with national legal requirements. This document has been created on a voluntary basis following the format of the safety data sheet.

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If symptoms persist, call a physician. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Take off contaminated clothing. Get medical advice if skin irritation persists. Gently wash with plenty of soap and water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Consult an ophthalmologist if irritation persists.
First-aid measures after ingestion	: Rinse mouth. Do not give an unconscious person anything to drink. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

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

Symptoms/effects : No additional information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide. Use fire fighting measures suiting the environment.
Unsuitable extinguishing media	: Strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide.

5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dispose of in accordance with relevant local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Concerning personal protective equipment to use, see section 8.
Emergency procedures	: Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Wear personal protective clothing (see chapter 8).

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid sub-soil penetration.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Mechanically recover the product. Clean using water and a detergent.
Other information	: Shovel into suitable and closed container for disposal. Disposal must be done according to official regulations.

SOFTISAN® GC8, SOFTISAN® GC8 PalmFree

Safety Data Sheet

A safety data sheet is not required for this product in accordance with national legal requirements. This document has been created on a voluntary basis following the format of the safety data sheet.

6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Keep away from sources of ignition - No smoking. Precautionary measures fire.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in dry, cool, well-ventilated area. Keep away from heat and direct sunlight.
Incompatible materials	: No additional information available.
Information about storage in one common storage facility	: Keep away from food, drink and animal feeding stuffs. Do not store with: Strong acids, Strong oxidizing agent, Strong bases.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

octanoic acid, monoester with glycerol (26402-26-6)	
United Kingdom - Occupational Exposure Limits	
	Observe general threshold limit for dust.

octanoic acid, monoester with glycerol (26402-26-6)	
PNEC (Soil)	
PNEC soil	0.061 mg/kg dwt

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:
In case of repeated or prolonged contact wear gloves. Chemical resistant PVC gloves (to European standard EN 374 or equivalent). The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

Eye protection:
Safety glasses. EN 166

Skin and body protection:
Wear suitable protective clothing. EN 340. EN ISO 13982

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. EN 143. Particle filter. P1. Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust.

SOFTISAN® GC8, SOFTISAN® GC8 PalmFree

Safety Data Sheet

A safety data sheet is not required for this product in accordance with national legal requirements. This document has been created on a voluntary basis following the format of the safety data sheet.

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Other information:

Wash hands before breaks and after work. Do not breathe dust. Keep away from food, drink and animal feeding stuffs. Do not eat and do not drink during use. Remove soiled clothing promptly. Avoid contact with skin and eyes. Apply emollient cream.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: white.
Odour	: characteristic.
Odour threshold	: No data available
pH	: Not applicable.
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 38.7 °C (OECD 102)
Freezing point	: No data available
Boiling point	: 296 °C (101 kPa, OECD 103)
Flash point	: > 180 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: 0.001 Pa (25 °C)
Relative vapour density at 20 °C	: No data available
Relative density	: 1.024 (20 °C)
Solubility	: Water: ≈ 330 g/l (20 °C, pH 3.52, OECD 105)
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: Not applicable
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Exothermic reaction on contact with : Strong acids, strong oxidants. Strong bases.

10.4. Conditions to avoid

No additional information available.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SOFTISAN® GC8, SOFTISAN® GC8 PalmFree

Safety Data Sheet

A safety data sheet is not required for this product in accordance with national legal requirements. This document has been created on a voluntary basis following the format of the safety data sheet.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

octanoic acid, monoester with glycerol (26402-26-6)	
LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg bodyweight (RA, EU Method B.3)

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: Not applicable.
Additional information	: In animal experiments (rabbit): no irritant effect (OECD 404 method)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: Not applicable.
Additional information	: Dust from this product may cause minor eye irritation
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Ecology - water	: Due to the consistency along with the low water solubility of the product a bioavailability is unlikely.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

octanoic acid, monoester with glycerol (26402-26-6)	
LC50 fish 1	≥ 10000 mg/l (96 h, Danio rerio, ISO 7346-1)
EC50 Daphnia 1	> 100 mg/l (48 h; Daphnia magna; EU Method C.2)
EC50 72h algae	> 0.499 mg/l (72 h, Desmodesmus subspicatus, EU Method C.3)

12.2. Persistence and degradability

octanoic acid, monoester with glycerol (26402-26-6)	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 90 % (28 d; (OECD 301D method))

12.3. Bioaccumulative potential

octanoic acid, monoester with glycerol (26402-26-6)	
Bioaccumulative potential	No additional information available.

SOFTISAN® GC8, SOFTISAN® GC8 PalmFree

Safety Data Sheet

A safety data sheet is not required for this product in accordance with national legal requirements. This document has been created on a voluntary basis following the format of the safety data sheet.

12.4. Mobility in soil

octanoic acid, monoester with glycerol (26402-26-6)	
Surface tension	29.5 mN/m (1 g/L, 20 °C, (OECD 115 method))
Ecology - soil	No additional information available.

12.5. Results of PBT and vPvB assessment

octanoic acid, monoester with glycerol (26402-26-6)	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Other adverse effects

Other adverse effects : No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Do not re-use empty containers without proper cleaning or reconditioning.
European List of Waste (LoW) code : 07 06 99 - wastes not otherwise specified

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

SOFTISAN® GC8, SOFTISAN® GC8 PalmFree

Safety Data Sheet

A safety data sheet is not required for this product in accordance with national legal requirements. This document has been created on a voluntary basis following the format of the safety data sheet.

Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

octanoic acid, monoester with glycerol is not on the REACH Candidate List

octanoic acid, monoester with glycerol is not on the REACH Annex XIV List

SOFTISAN® GC8, SOFTISAN® GC8 PalmFree is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

SOFTISAN® GC8, SOFTISAN® GC8 PalmFree is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Other information, restriction and prohibition regulations : A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

General revision.

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
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
SDS	Safety Data Sheet
CAS	Chemical Abstract Service
EC50	Median effective concentration
LC50	Median lethal concentration
LD50	Median lethal dose
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail

Data sources : Information provided by the manufacturer. ECHA (European Chemicals Agency).

SOFTISAN® GC8, SOFTISAN® GC8 PalmFree

Safety Data Sheet

A safety data sheet is not required for this product in accordance with national legal requirements. This document has been created on a voluntary basis following the format of the safety data sheet.

Department issuing data : KFT Chemieservice GmbH
specification sheet: Im Leuschnerpark. 3 64347 Griesheim
Germany

Phone: +49 6155-8981-400 Fax: +49 6155 8981-500
Safety Data Sheet Service: +49 6155 8981-522

Contact person : Dr. Süleyman Cinar

KFT SDS EU 06

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.