

**SECTION 1: Identification****1.1. Identification**

Product form : Mixture
Trade name : IMWITOR® 960 K

1.2. Recommended use and restrictions on use

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

1.3. Supplier**Manufacturer/Supplier**

IOI Oleo GmbH
Arthur-Imhausen-Str. 92
Witten, D-58453
Germany
T +49 40 280031-0

Email competent person

MSDS@ioioleo.de

Email competent person

sds@ioioleo.com

Branch Office

Acidchem (USA) Inc.
201 West Passaic Street, Suite 100
Rochelle Park, NJ 07662
USA

1.4. Emergency telephone number

Emergency number : For Hazardous Materials [or Dangerous Goods] Incidents
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-741-5970 (collect calls accepted)
Poison control (USA) 1-800-222-1222

SECTION 2: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS US classification**

Combustible Dust May form combustible dust concentrations in air
Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements**GHS US labeling**

Signal word (GHS US) : Warning
Hazard statements (GHS US) : May form combustible dust concentrations in air
Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames. - No smoking.
P240 - Ground/Bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating, lighting equipment.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

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according to US OSHA Hazard Communication Standard (HCS 2012); 29 CFR Part 1910.1200

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Sodium stearate	CAS-No.: 822-16-2	≥ 1 – < 2,5	Comb. Dust

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth out with water. Do not give an unconscious person anything to drink. Do not induce vomiting. Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Carbon dioxide. Dry powder. Foam. Making extinguishing agents environment-friendly.
Unsuitable extinguishing media	: Strong water jet.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon dioxide. Carbon monoxide.
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5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations. Cool closed containers exposed to fire with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: On contact with water: Slippery walking. Spill area may be slippery.
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6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area.
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6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Avoid dust formation.

Other information : Disposal must be done according to official regulations.

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.

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 a well-ventilated place. Keep cool.

Heat-ignition : Keep away from heat and direct sunlight. Protect from light.

Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

IMWITOR® 960 K	
USA - OSHA - Occupational Exposure Limits	
Local name	Total Dust (Inert or Nuisance Dust)
OSHA PEL TWA	15 mg/m ³
	50 mppcf
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
Sodium stearate (822-16-2)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Sodium stearates
ACGIH OEL TWA	10 mg/m ³ (I - Inhalable particulate matter)
	3 mg/m ³ (R - Respirable particulate matter)
Remark (ACGIH)	TLV® Basis: LRT irr, Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	Observe general threshold limit for dust.

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8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

In case of repeated or prolonged contact wear gloves. For undissolved solid substances following materials may be suitable: Nitrile rubber, butyl rubber, Fluoroelastomer (FKM), Chloroprene rubber. ISO 374-1. 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. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

Eye protection:

In case of dust production: protective goggles. ISO 16321-1

Skin and body protection:

Wear suitable protective clothing. EN ISO 13688. ISO 13982

Respiratory protection:

Short term exposure. In case of insufficient ventilation, wear suitable respiratory equipment. Dust production: dust mask with filter type P1. EN 143. . 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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Flakes.
Color	: light yellow
Odor	: characteristic
Odor threshold	: No data available
pH	: ≈ 8 (20 °C; Suspension)
Melting point	: ≈ 60 °C
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: > 200 °C (DIN ISO 2592)
Relative evaporation rate (butyl acetate=1)	: Not applicable
Flammability (solid, gas)	: No data available
Vapor pressure	: Not applicable
Relative vapor density at 20°C	: Not applicable
Relative density	: No data available
Density	: ≈ 0.95 g/cm ³ (20 °C)
Solubility	: Water: Dispersible (20 °C)
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosion limits	: No data available
Explosive properties	: Product is not explosive. Dust may form explosive mixture in air.
Oxidizing properties	: Non oxidizing material.

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions. To avoid thermal decomposition, do not overheat.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Protect from heat and direct sunlight. Impurities.

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.

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)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: ≈ 8 (20 °C; Suspension)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: ≈ 8 (20 °C; Suspension)
Respiratory or skin sensitization	: 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)
Viscosity, kinematic	: Not applicable

Sodium stearate (822-16-2)

Viscosity, kinematic	Not applicable
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SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

IMWITOR® 960 K	
Persistence and degradability	Readily biodegradable.

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Sodium stearate (822-16-2)	
Persistence and degradability	Readily biodegradable.
BOD (% of ThOD)	86 % ThOD
Biodegradation	86 % (28 d; (OECD 301F method))

12.3. Bioaccumulative potential

Sodium stearate (822-16-2)	
Bioaccumulative potential	Bioaccumulation unlikely.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Disposal must be done according to official regulations. Do not dispose of with domestic waste. Do not discharge into drains or the environment.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations. Recycle or dispose of in compliance with current legislation.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not applicable	Not regulated	Not regulated
14.2. Proper Shipping Name		
Not applicable	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not applicable	Not regulated	Not regulated
14.4. Packing group		
Not applicable	Not regulated	Not regulated
14.5. Environmental hazards		
Not applicable	Not regulated	Not regulated
No supplementary information available		

14.6. Special precautions for user

DOT

Not applicable

IMDG

Not regulated

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IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16: Other information

according to US OSHA Hazard Communication Standard (HCS 2012); 29 CFR Part 1910.1200

Revision date : 6/10/2024

Data sources : Information provided by the manufacturer. European Chemicals Agency, <http://echa.europa.eu/>.

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Other information : Version/s 2.00 - 4.00 is/are not available in this language.

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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer

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Abbreviations and acronyms	
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

NFPA health hazard

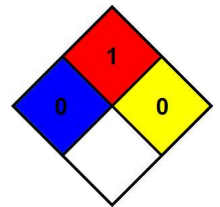
: 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard

: 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire conditions.



Indication of changes:

General revision.

KFT SDS US 06 - Version 23.2

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.