

SOAP NOODLES

INCI Reference
ZKO-00159 Soap noodle 70% olive 30% coco – palm free

INCI Reference	Origin	CAS no.	EINECS no.	%
Sodium Olivat	Plant	61789-88-6	263-096-5	35 - 45
Sodium Cocoate	Plant	61789-31-9	263-050-4	20 - 30
Sodium Stearate*	Plant	822-16-2	212-490-5	15 - 20
Aqua	Potable water	7732-18-5	231-791-2	11 - 15
Glycerin**	Plant	56-81-5	200-289-5	0,3 - 1,0
Sodium Chloride	Mineral	7647-14-5	231-598-3	0,3 - 0,8
Tetrasodium Glutamate Diacetate	Synthetic	51981-21-6	257-573-7	< 0,1

Version Date (Revisionsdatum): **27.07.2018**

* Derived from Olive Oil

** Derived from Olive/Coconut Oil

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

Printing date: 13.05.2016

Version: 1.00

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

- **1.1 Product identifier** ZKO-00159 Bondillons de Savon 159
- **Trade name:** ZKO-00159 Bondillons de Savon 159 70% olive oil soap, palm free
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** -
- **Application of the substance / the preparation:** Manufacturing of soaps
- **Uses advised against** -

- **1.3 Details of the supplier of the safety data sheet**

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SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** The product is not classified according to the CLP regulation.
- **Information concerning particular hazards for human and environment:**
No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.
Heightened danger of slipping when the product is spilled on the floor.
- **Classification system:**
The classification was made according to the latest editions of the EC-lists and expanded using company data and specialized literature.
- **Additional information:**
For this substance/mixture no safety data sheet needs to be generated according to Article 31(1) of Regulation (EC) No 1907/2006.
The here presented safety data sheet may therefore not fulfil all requirements of Annex II of this regulation.

- **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

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Nonhazardous mixture
- **Dangerous components:** Void

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Additional information:

INCI: Sodium Oliviate, Sodium Cocoate, Sodium Stearate, Aqua, Glycerin, Sodium Chloride, Tetrasodium Glutamate Diacetate.

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: Supply fresh air; consult a doctor in case of pain.

After skin contact:

Wash with water.

If symptoms persist, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse mouth with water.

Spit liquid out again.

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:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire fighting measures that suit the environment.

For safety reasons unsuitable extinguishing agents: None

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information:

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

Avoid formation of dust.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Do not allow to penetrate the ground/soil.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Make sure to recycle or dispose of in suitable receptacles.

6.4 Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Avoid contact with eyes.
Prevent formation of dust.
- **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 container tightly sealed at a cool and dry place with sufficient ventilation.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from feed.
Store away from oxidising agents.
- **Further information about storage conditions:** Avoid extreme variation in temperature.
- **Storage class:** 11 Combustible solids
- **7.3 Specific end use(s)** No further relevant information available

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**
- **56-81-5 glycerol**
WEL (Great Britain) Long-term value: 10 mg/m³
- **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.
Keep away from foodstuffs, beverages and feed.
Do not eat or drink while working.
Vacuum contaminated clothing. Do not blow or brush off contamination.
Avoid contact with eyes.
- **Breathing equipment:** Not required
- **Protection of hands:**
Protective gloves
The glove material has to be impermeable and resistant to the product/substance/preparation.
Due to missing tests no recommendation to the glove material can be given for the product / preparation / chemical mixture.
Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves:**
For undissolved solid substances following materials may be suitable:
nitrile rubber (NBR), butyl rubber (BR), fluorocarbon rubber (FKM) and polychloroprene rubber (CR)
The selection of suitable gloves depends upon the material, and also upon the quality of the gloves. The degree of protection will vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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:** Safety glasses

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· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties	
· General Information:	
· Appearance:	
Form:	Solid
Colour:	White cream
· Odour:	Neutral
· Odour threshold:	Not determined
· pH-value:	~ 10 (1% in water)
· Change in condition:	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
· Flash point:	Not determined
· Flammability (solid, gaseous):	Not determined
· Ignition temperature:	Not determined
· Decomposition temperature:	Not determined
· Self ignition temperature:	Product is not self-igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined
Upper:	Not determined
· Oxidizing properties:	Non-oxidizing
· Vapour pressure at 20 °C:	<1 mbar
· Density:	Not determined
· Relative density:	Not determined
· Vapour density:	Not determined
· Evaporation rate:	Not determined
· Solubility in / Miscibility with	
Water:	Soluble 20 °C
· Partition coefficient (n-octanol/water): Not determined	
· Viscosity:	
dynamic:	Not applicable
kinematic:	Not applicable
· 9.2 Other information	No further relevant information available

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available

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- **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
- **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** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:**
Oral LD₅₀ > 2000 mg/kg (rat)
Based on data obtained from similar compositions.
- **Primary irritant effect:**
- **Skin corrosion/irritation**
Skin irritation test (rabbit): no irritation
The product itself has not been tested. Information is based on products of similar structure and composition.
- **Serious eye damage/irritation**
Skin irritation test (rabbit): no irritation
The product itself has not been tested. Information is based on products of similar structure and composition.
- **Respiratory or skin sensitisation**
Not sensitising (guinea pig)
The product itself has not been tested. Information is based on products of similar structure and composition.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
- **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.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
LC₅₀ 5- >250 mg/l (fish)
EC₅₀/24h 4.2-40 mg/l (Daphnia magna)
EC₅₀/72h 58-190 mg/l (Algae)
- **12.2 Persistence and degradability** No further relevant information available
- **Other information:** The product is biodegradable.
- **12.3 Bioaccumulative potential** No further relevant information available
- **12.4 Mobility in soil** No further relevant information available
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water
According to appendix 4 of VwVwS dated 17.05.1999 (German regulation)
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Danger to drinking water is possible if large quantities leak into the ground or into water course.

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- **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:**
Must be recycled or disposed of according to the regulations. Waste has to be classified according to the European Waste Catalogue based on the identification of the waste generating source.
Smaller quantities can be disposed of with household waste.
- **EU waste code:** Waste code shall be assigned in agreement with regional waste disposer.
- **Uncleaned packagings:**
- **Recommendation:**
Disposal must be made according to official regulations.
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

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:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
· Transport/Additional information:	Not dangerous according to the above regulations
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water

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Further information:

- For this substance/mixture no safety data sheet needs to be generated according to Article 31(1) of Regulation (EC) No 1907/2006. The here presented safety data sheet may therefore not fulfil all requirements of Annex II of this regulation.
- 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.

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Abbreviations and acronyms:

- 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 Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- SVHC: Substances of Very High Concern

- Sources:** MSDS of the supplier