

Kristal

Product number(s) | Site(s) of manufacturing

7001 | AAK-SE

Relating to

EC 1907/2006

Document date

2018.01.26

Print date

2021.03.10

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1. Identification of the substance/preparation and of the company/undertaking

Trade name:	Kristal	
Producer:	AAK AB	+46 40 627 8300
	AAK Sweden AB	+46 45 48 2000
	AAK Denmark A/S	+45 87 30 6000
	AAK UK Ltd	+44 14 8270 1271
	AAK Netherlands BV	+31 75 627 8400
	AAK Rotterdam BV	+31 10 438 4805
	AAK Belgium NV	+32 3 641 4555
	AAK USA Inc.	+1 97 3344 1300
	AarhusKarlshamn Latin America S.A.	+598 23 135 135
	AAK Malaysia SDN. BHD.	+60 32 710 8493
	AAK China Ltd.	+86 21 6466 7979
	AAK Turkey Gıda San. ve Tic. Ltd. Şti.	+90 216 622 04 24
	AAK Miyoshi Japan Co. Ltd.	+81-3-6231-2876
	AarhusKarlshamn Philippines Inc.	+63 43 417 1013
	AAK do Brasil Indústria e Comércio de Óleos Vegetais Ltda.	+55 11 4431-0000
Responsible department:	Food Ingredient	
Use of substance:	Food application	
Technical contact person:	Håkan Malmros	
	Technical Product Manager	
	+46 454 82547	
	hakan.malmros@aak.com	

2. Identification of Hazards

Critical hazards to humans and the environment: None.

3. Composition/Information on Ingredients

Identity:	Coconut Oil
CAS no.:	8001-31-8
EINECS no.:	232-282-8
Substances presenting health hazards (R-phrases):	None.



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4. First Aid Procedures

General Recommendations:	No immediate medical attention required.
Inhalation:	No vapour appears at normal working temperature.
Skin contact:	Wash with water and soap.
Eye contact:	Rinse with plenty of water. If discomfort persists, seek medical attention.
Ingestion:	Not dangerous, edible vegetable oil.
Advice for the doctor:	This safety data sheet. Accident with vegetable oil of edible quality.

5. Fire Fighting Measures

Suitable fire extinguisher:	Fire blanket , foam, dry powder and CO2.
Unsuitable fire extinguisher:	Water jet.
Special exposure hazards:	Formation of carbon monoxide is possible.
Protective equipment:	Suitable respiratory protection.

6. Accidental Release Measures

Personal precautions:	No special precautions under normal conditions.
Environmental precautions:	Keep away from drains, surface and ground water.
Methods for cleaning up:	Remove spillage. Use absorbent material. Clean with hot water and detergent.
Further measures:	Reference is made to headings 8 and 13.

7. Handling and Storage

Handling:	Handle with care and avoid spillage on the floor (spillage can cause a slippage hazard).
Measures for safety handling:	Consider normal working hygiene.
Measures for fire protection:	Keep away from open fire.
Storage conditions:	Store in a cool and dry place in original packaging or store in a tank of stainless steel at 10° C above melting point under nitrogen blanket.
Measures for storage rooms and tanks:	No special measures.
Incompatible materials:	Prooxidants.

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8. Exposure Control - Personal Protection

Further measures to the design of technical equipment:	No further advice; see heading 7.
Specific control parameters like threshold limit values or biological standards:	Not applicable for this product at normal working procedure.
Respiratory protection:	In case of aerosol formation, use dust filter mask.
Hand protection:	No special measures under normal conditions.
Eye protection:	Usage of safety glasses/goggles when risk of splashing
Skin protection:	No special measures under normal conditions.

9. Physical and Chemical Properties

Appearance:	Solid at room temperature	
Odour:	Neutral	
pH-value:	Not relevant, insoluble in water.	
Information related to safety:		
Boiling point:	No known data.	°C
Melting point:	25	°C
Flash point:	>290	°C
Smoke point:	>200	°C
Autoflammability:	Not possible.	
Explosive properties:	Not explosive.	
Vapour pressure at 200°C:	< 0.01	mmHg
Density at 25°C:	0.89 - 0.92	g/ml
Solubility in water:	Insoluble.	
Solubility in fat:	Soluble in vegetable oils.	
Partition coefficient n-Octanol/water:	Not applicable.	

10. Stability and Reactivity

Stability:	Generally stable, becomes rancid on prolonged exposure to air.
Conditions to avoid:	Oxidation promoting conditions (e.g. heat and UV light).
Materials to avoid:	Prooxidants.
Hazardous decomposition products:	None.

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11. Toxicological Information

Acute Toxicity LD50:	The product is a non-toxic fully refined vegetable oil of edible quality.
Short- and long terms effects on exposure:	Based on the constituents and tests reported on similar products there are no negative effects to be expected on exposure.
Experience from human exposure:	By oral administration there are no adverse effects reported. Dermal application is regarded as safe.
Information on contaminants:	The product does not contain toxic impurities. The product is of food grade quality.

12. Ecological Information

General Information:	The information given is based on the evaluation of the constituents and ecotoxic data on similar products.
Mobility:	Floats on water. Immobilises by adsorption to soil particles.
Degradability:	Readily biodegradable.
Accumulation:	No bioaccumulation is expected.
Aquatic toxicity:	Not soluble in water. No poisonous for aquatic organisms.
Further Information:	Presents no ozone depletion potential. The product is CO ₂ -neutral.

13. Disposal Considerations

Substance/Preparation:	Disposal according to the local authorities' advice. May be burned together with household waste if this is accepted by the authorities.
Contaminated packaging:	Disposal according to the local authorities' advice.

14. Transport Information

Land transport, ADR/RID and GGVS/GGVE:	Not classified.
Sea transport, IMDG/GGVSee:	Not classified.
Air transport, ICAO-TI and IATA-DGR:	Not classified.
Transport/further information:	Not a hazardous product according to these transport classifications.

15. Regulatory Information

Classification according to EC directives:	The product is not classified as a dangerous material.
Symbols and phrases according to health hazards (R- and S-phrases):	None.
Dangerous substances to label:	None.
Further information:	Recipients are reminded to refer to any other national measure that may be relevant.



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16. Other Information

Use and restrictions:

The information in this safety data sheet is accurate to the best of our knowledge and is valid for the product delivered. This information only describes safety measures and is no liability whatsoever arising out of the use, application, adaption or processing of the preparation described herein.

