

Material Safety Data Sheet

acc. to Regulation (EC) No. 1907/2006, Article 31 Document-No. F 15-60

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

Product details	
Trade name	Arrowroot
INCI name	Maranta Arudinacea
Application of the substance/the preparation	Food additive (thickening agent)
Company information	Cosmetica Natural Oils Limited
Distributor	Unit 100 Claydon Business Park, Gt Blakenham, Ipswich, IP6 0NL, UK
Telephone	0330 088 2129
E-Mail:	hello@thesoapery.co.uk
Emergency information:	0330 088 2129

2. Hazards identification

Classification of the substance/the preparation	not applicable
Characterization acc. to regulation (EG) Nr. 1272/2008	not applicable
Special hazards information for humans and environment	not applicable

3. Composition/information on ingredients

Chemical characterization

Description	white – cream powder
CAS-No.	92456-72-9
EINECS (EC-Number)	
Commodity code	
Additional information	not applicable

4. First aid measures

Description of the first aid measure	Product of vegetal origin, classified as non-hazardous
After inhalation	Wash nose and throat with water.
After skin contact	Does not offer any risks
After eye contact	Rinse out eyes with water
After swallowing	Does not offer any risks

5. Fire fighting measures

Suitable extinguishing media	CO ₂ , foam, sand, dry chemicals, water spray
Unsuitable extinguishing media	None
Special exposure hazards arising from the substance itself	Non Flammable
Additional information for fire fighting	Slippery surface in combination with water
Special protective equipment:	None

6. Accidental release measures

Person-related safety precautions	None known
Environmental precautions	None Known
Methods for cleaning-up/collecting	Wash the place with water
Hot product	Collect the product
Cold product	Collect the product

7. Handling and storage

Advice on safe handling	Keep away from heat and direct sunlight. Storage in closed containers at cool and dry conditions, at a well ventilated place.
Advice on protection against fire and explosion	Non flammable or hazardous
Requirements for storage rooms and vessels	Keep away from heat and direct sunlight. Storage in closed containers at cool and dry conditions, at a well ventilated place.
Conditions for safe storage	Keep away from heat and direct sunlight. Storage in closed containers at cool and dry conditions, at a well ventilated place.
Recommended storage temperature	15-25°C
Fire class	Not know
Storage class	Not know

8. Exposure controls and personal protections

Additional information about design and technical systems	No further details, according to point 7.
Personal protective equipment	
General protective and hygienic measures	Use powder mask in the place with high powder concentration
Breathing equipment	Not required in normal conditions
Protection of hands	Should not cause problems if it comes in contact with skin, use gloves in the place with high powder concentration
Material of gloves	rubber/PVC
Penetration time of the glove material	All manufacturer's data of break-through time and special conditions at work are to be observed.
Eye protection	Should not cause problems if it comes in contact with eyes, use glasses or protection in the place with high powder concentration
Body protection	Not necessary

9. Physical and chemical properties

State of aggregation	solid
Colour	white - cream powder
Odour	characteristic
Vapor pressure	not applicable
Drop point	not applicable
Density at 20 °C	not applicable
Bulk density	Not known

Melting point	not applicable
Boiling point	not applicable
Flash point	Not known
Ignition temperature	not applicable
Danger of explosion	If suspended powder in a closed place, take care soldering, there is an explosion risk
Solubility in water at 20 °C	soluble
pH-value at 20 °C	5,5 - 7,0

10. Stability and reactivity

Conditions to be avoided	Moisture and heat during storage
Materials to be avoided	None known
Dangerous reactions	no dangerous reactions known
Dangerous products of decomposition	none

11. Toxicological information

LD/LC50-value	According to our knowledge and the information provided to us, there is not quantitative information of toxicity.
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12. Ecological information

Behaviour in clarification plants	Product of vegetal origin, classified as non hazardous
General information	None

13. Disposal considerations

Recommendations for the product	Product can be removed in accordance with local official regulations or local authorities. There are not harmonised regulations on the disposal of chemicals in the member states of the EU.
Recommendations for packaging	To be disposed of adhering to the local authorities regulations.

14. Transport information

Land and inland navigation transport ADR/RID and GGVS/GGVE	--
Maritime transport IMDG/GGVSee	--
Air transport ICAO-TI and IATA-DGR	--
Transport/additional information	no hazardous material

15. Regulatory information

Designation according to EC regulations	According to EC directives and our current state of knowledge the product is not subject to identification as hazardous materials.
National regulations	
Water pollution class	Generally no water pollutant

16. Other information

All information in this Material Safety Data Sheet (MSDS) is based on our current knowledge and experience and serves as product description in relation to the mentioned stated safety precautions. A legally binding guarantee of certain characteristics cannot be deduced from this document.