

# AKÖMA™

## FROM THE HEART

### Material Safety Data Sheet

EU Regulation: 1907/2006

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

<b>1.1 Product Identification</b>					
<b>Product Name</b>	BORAGE (STARFLOWER) VIRGIN ORGANIC OIL 20% GLA				
<b>Biological Definition</b>	BORAGO OFFICINALIS IS A FIXED OIL OBTAINED FROM THE BORAGE PLANT				
<b>INCI Name</b>	BORAGO OFFICINALIS SEED OIL				
<b>Synonyms &amp; Trade Names</b>	BORAGE 20% GLA				
<b>Internal Product Code</b>	K0072				
<b>CAS-No</b>	84012-16-8	<b>EC NO.</b>	281-661-4	<b>EINECS NO.</b>	281-661-4
<b>1.2 Details of the supplier of the safety data sheet</b>					
<b>Company Address</b>	Akoma International (UK) Limited Unit 9A Sawley Park Nottingham Road Derby DE21 6AS Tel: +44 (0) 1332 613 967				
<b>Email</b>	technical@akoma.biz				
<b>1.3 Details of the supplier of the safety data sheet</b>					
<b>Emergency Contacts</b>	Mr. Wynn Mensah – Tel: 01332 613 967				

#### SECTION 2: Hazards Identification

<b>2.1 Classification of the substance or mixture</b>	
<b>Classification (67/548/EEC)</b>	This product is not dangerous according to REACH Regulation 1907/2006.

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<b>Classification (EU1272/2008)</b>	This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 & any further amendments, nor to those having recognized exposure limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills can constitute a slippage hazard.
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<b>2.2 Label Element</b>	
<b>Label in accordance with Regulation (EC) No 1272/2008.</b>	
<b>GHS Label</b>	None.
<b>Signal Word</b>	None.
<b>Contains</b>	None.
<b>Hazards Statement</b>	None.
<b>Signal Word</b>	None.
<b>Precautionary Statements</b>	None.
<b>Supplementary Precautionary Statements</b>	None.
<i>Section 16 (Other Information): Risk &amp; Safety phrases in full.</i>	
<b>2.3 Other Hazards</b>	
<b>Adverse physio-chemical properties</b>	None.
<b>Adverse effects on human health</b>	None.

### SECTION 3: Composition of Ingredients

<b>3.1 Substances</b>	Not Applicable.
<b>3.2 Mixtures</b>	Not Applicable.

### SECTION 4: First Aid Measures

<b>4.1 Description of First Aid Measures</b>	
<b>General Information</b>	Always remove contaminated clothing immediately.
<b>Inhalation</b>	Not expected for this particular product, however always best avoiding proactive inhalation.
<b>Ingestion</b>	No instruction as this is a non-toxic product.
<b>Skin Contact</b>	No instruction as this is a non-toxic product.

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<b>Eye Contact</b>	Wash immediately & thoroughly with clean tap water.
<b>4.2 Most important symptoms &amp; effects (Acute &amp; Delayed)</b>	None.
<b>4.3 Indication of any immediate medical attention or special treatment required</b>	Not Applicable.

### SECTION 5: Fire Fighting Measures

<b>5.1 Extinguishing material</b>	Foam, Co2, Dry Chemical Powder.
<b>5.2 Special hazards arising from the substance Or mixture</b>	This product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke & oxides of carbon.
<b>5.3 Advice for fire-fighters</b>	Standard. Wear self-contained breathing apparatus in confined spaces

### SECTION 6: Accidental Release Measures

<b>6.1 Personal precautions</b>	None Required.
<b>6.2 Environmental precautions</b>	None Required.
<b>6.3 Methods &amp; material for containment and cleaning up</b>	Spills can be absorbed by cloth or sawdust, washed away with water & cleaned with sodic products.
<b>6.4 References to other sections</b>	Refer & consider section 8. Refer & consider section 13.

### SECTION 7: Handling & Storage

<b>7.1 Precautions for safe-handling</b>	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages.
<b>7.2 Conditions for safe storage, including any Incompatibilities</b>	Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.
<b>7.3 Specific end use(s)</b>	No Data.

### SECTION 8: Exposure Controls & Personal Protection

<b>8.1 Control Parameters</b>	None.
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<b>8.2 Exposure Controls</b>	
<b>Eye Protection</b>	Not required as a non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product.
<b>Hand Protection</b>	None.
<b>Respiratory Equipment</b>	None.
<b>Hygiene Measures</b>	None.
<b>Engineering Measures</b>	None.

## SECTION 9: Physical & Chemical Properties

<b>9.1 Physical &amp; Chemical Properties</b>	
<b>Appearance</b>	OILY LIQUID
<b>Colour</b>	YELLOW - GREEN
<b>Odour</b>	SPICY CHARACTERISTIC
<b>Relative Density</b>	NO DATA
<b>Refractive Index</b>	1.470 – 1.480
<b>Flash Point (°C)</b>	>280°C.
<b>Melting Point (°C)</b>	NOT APPLICABLE.
<b>Boiling Point (°C)</b>	>100°C.
<b>Vapour Pressure</b>	NO DATA.
<b>Solubility in Water @ 20°C</b>	INSOLUBLE.
<b>9.2 Other Information</b>	NO DATA.

## SECTION 10: Exposure Controls & Personal Protection

<b>10.1 Reactivity</b>	Not Applicable.
<b>10.2 Chemical stability</b>	Stable under suggested storage conditions (<20°C).
<b>10.3 Possibility of hazardous reactions</b>	No.

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<b>10.4</b> Conditions to avoid	Storage at high temperatures. Do not store above 20°C.
<b>10.5</b> Incompatible materials	Concentrated acids, alkalis & oxidising agents.
<b>10.6</b> Hazardous decomposition products	This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke.

### SECTION 11: Toxicological Information

<b>11.1</b> Toxicological effects	
<b>Acute Toxicity</b>	A non-toxic product. For pharmaceutical & cosmetic use only. This product does not carry a microbiological specification as it is sterilised in the refining process. It does not contain any impurities. This product is not included in the list of substances prohibited in cosmetic products or subject to restrictions. It does not contain colorants, preservatives or UV filters (Annex II – VI of EU regulation 1223/2009).
<b>Skin irritation</b>	Not Applicable.
<b>Eye damage or irritation</b>	Not Applicable.
<b>Respiratory or skin sensitivity</b>	Not Applicable.
<b>Germ cell mutagenicity</b>	Not Applicable.
<b>Carcinogenicity</b>	Not Applicable.
<b>Reproductive toxicity</b>	Not Applicable.
<b>STOT – single exposure</b>	Not Applicable.
<b>STOT – repeated exposure</b>	Not Applicable.
<b>Aspiration hazard</b>	Not Applicable.
<b>Other information</b>	Not Applicable.

### SECTION 12: Ecological Information

<b>12.1</b> Toxicity	Low - None.
<b>12.2</b> Persistence & degradability	>90% (OECD)
<b>12.3</b> Bio- accumulative potential	None.
<b>12.4</b> Mobility in soil	Low – None.
<b>12.5</b> Results of PBT & VPVB assessment	Not Available.
<b>12.6</b> Other adverse effects	None.

### SECTION 13: Disposal Information

<b>13.1</b> Waste treatment methods	Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.
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## SECTION 14: Transport Information

<b>14.1</b> Transport Information	
Warning icon	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO), transport not restricted in drums or food tankers.
Shipping Name	Not Applicable.
UN Number (Road)	Not Applicable.
ADR Class	Not Applicable.
Hazard Number (ADR)	Not Applicable.
Hazchem Code	Not Applicable.
UN Number (Sea)	Not Applicable.
IMDG Class	Not Applicable.
IMDG Pack GR.	Not Applicable.
EMS	Not Applicable.
UN Number (Air)	Not Applicable.
Air Class	Not Applicable.
Air Pack GR.	Not Applicable.

## SECTION 15: Regulatory Information

<b>15.1</b> Product specific safety, health & environmental regulations & legislation	
EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 <sup>th</sup> December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).
Statutory Instruments	The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716).
Approved Code of Practice	Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.
Guidance Notes	Workplace exposure limits EH40. CHIP for everyone HSG 108.
<b>15.2</b> Chemical Safety Assessment	Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006.

## SECTION 16: Other Information

Allergens:	NONE.
Training Instructions: Refer to possible hazard before use of this product.	
Abbreviations & Acronyms:	

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<b>MSDS</b>	Material Safety Data Sheet.
<b>INCI</b>	International Nomenclature of Cosmetic Ingredients.
<b>CAS</b>	Chemical Abstract Service.
<b>IMDG</b>	International Maritime code for Dangerous Goods.
<b>ADR</b>	Accord European sur le transport des marchandises Dangereuses par Route (European Agreement concerning the international Carriage of Dangerous goods by Road).
<b>RID</b>	International Carriage of Dangerous Goods by Rail.
<b>ICAO</b>	International Civil Aviation Organization.
<b>ADN</b>	International Carriage of Dangerous Goods by Inland Waterways.
<b>GHS</b>	Globally Harmonized System of classification & labelling of chemicals.
<b>Trem Card</b>	Transport Emergency Card.
<b>STOT</b>	Specific Target Organ Toxicity.

Q.C. REQUIREMENTS. In-line with general product specification. Always satisfy suitability for specific application.

**Disclaimer.**

*The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.*

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