

AKÖMA™

FROM THE HEART

Material Safety Data Sheet

EU Regulation: 1907/2006

SECTION 1: Identification of the substance/mixture and of the company/undertaking					
1.1					
Product Identification					
Product Name	Olive Squalane Oil				
Biological Definition	Saturated hydrocarbon obtained from the hydrogenation of the olive oil unsaponifiable fractions.				
INCI Name	Squalane				
Synonyms & Trade Names	-				
Internal Product Code	R00294				
CAS-No	111-01-3	EC No.	203-825-6	EINECS No.	203-825-6
1.2					
Details of the supplier of the safety data sheet					
Company Address	Akoma International (UK) LTD Unit 9A Sawley Park Nottingham Road Derby DE21 6AS Tel: +44 (0) 1332 613 967 England.				
Email	technical@akoma.biz				
1.3					
Details of the supplier of the safety data sheet					
Emergency Contacts	Mr. Wynn Mensah – Tel: 01332 613 967				

SECTION 2: Hazards Identification	
2.1	
Classification of the substance or mixture	
The full text for all hazard statements are displayed in Sec.16	
Classification (EU1272/2008)	Not classed as a hazardous substance.
2.2	
Label Elements	Label in accordance with Regulation (EC) No 1272/2008.
GHS Label	Not classed as a hazardous substance.

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Signal Word	None.
Contains	Contains no hazardous substances.
Hazards Statement	None.
Signal Word	None.
Precautionary Statements	None.
Supplementary Precautionary Statements	None.
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.
SECTION 3: Composition of Ingredients	
3.1 Mixture	Not Applicable.

SECTION 4: First Aid Measures	
4.1 Description of First Aid Measures	
Inhalation	Remove from exposure area to fresh air promptly. Seek medical attention after a significant exposure.
Ingestion	No special measures recommended.
Skin Contact	After contact with skin, wash immediately with plenty of soap and water while removing soaked clothes.
Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Seek medical attention.
4.2 Most important symptoms & effects (Acute & Delayed)	No additional data available.
4.3 Indication of any immediate medical attention or special treatment required	No additional data available.

SECTION 5: Fire Fighting Measures	
5.1 Extinguishing material	Foam, CO2, Dry chemical powder or appropriate foam.
5.2 Special hazards arising from the substance Or mixture	Emits toxic fumes under fire conditions.
5.3 Advice for fire-fighters	High temperatures can lead to high pressures inside closed containers. Avoid inhalation of vapours that are created. Use appropriate respiratory protection. Do not allow spillage of extinguish fire will be poured into drains or watercourses.


SECTION 6: Accidental Release Measures

6.1 Personal precautions	Eliminate sources of ignition and ventilate the area. Avoid inhalation of vapours; use an appropriate respirator.
6.2 Environmental precautions	Keep spills out of municipal sewers and open bodies of water.
6.3 Methods & material for containment and cleaning up	Contain and absorb spill with inert inorganic non-combustible, material, such as sand or earth, and remove it to a container for disposal according to local regulations. Clean the surface thoroughly to remove residual contamination. Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.
6.4 References to other sections	See sections 8 and 13.

SECTION 7: Handling & Storage

7.1 Precautions for safe-handling	The usual precautions for handling chemicals should be observed.
7.2 Conditions for safe storage, including any incompatibilities	Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges. Store in hermetic recipients, preferably full, in a cool, dry, ventilated area away from sources of heat and direct sunlight. Keep away from the sources of ignition. Keep away from incompatible materials (see section 10). Prevent access to unauthorized persons.
7.3 Specific end use(s)	No additional data available.

SECTION 8: Exposure Controls & Personal Protection

8.1 Control Parameters	No additional data available.
8.2 Exposure Controls	
Protective equipment	
Process Conditions	No additional data available.
Engineering Measures	In the case of brief exposure, use a device filter.
Respiratory Equipment	In case of insufficient ventilation, use suitable respiratory equipment.
Hand Protection	Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
Eye Protection	Chemical safety goggles are recommended. Wash contaminated goggles before reuse. Wear eye shields and protective clothing.
Other Protection	No additional data available.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	No additional data available.
Skin Protection	No additional data available.
Environmental Exposure Controls	No additional data available.

SECTION 9: Physical & Chemical Properties

9.1 Physical & Chemical Properties	
Appearance	Clear oily liquid
Colour	Colourless

Odour	Odourless
Specific Gravity @ 20°C	0.810 – 0.825
Refractive Index @ 20°C	1.452 – 1.458
Refractive Index	1.450 – 1.480
Flash Point (°C)	>200°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	>150°C
Vapour Pressure	No additional data available.
Solubility in Water @ 20°C	Insoluble
Auto-ignition temperature (°C)	No additional data available.
9.2 Other Information	No additional data available.

SECTION 10: Stability & Reactivity

10.1 Reactivity	This product is considered as stable in specified storage conditions. Unstable at high temperatures.
10.2 Chemical stability	This product is considered as stable in specified storage conditions. Unstable at high temperatures.
10.3 Possibility of hazardous reactions	At high temperatures, acrolein may be produced.
10.4 Conditions to avoid	Excessive heat, flame or other ignition sources, high temperatures and strong oxidizing agents.
10.5 Incompatible materials	If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
10.6 Hazardous decomposition products	During combustion may be formed carbon monoxide and unidentified organic compounds.

SECTION 11: Toxicological Information

11.1 Toxicological effects	
Acute Toxicity	No additional data available.
Skin irritation	No additional data available.
Eye damage or irritation	No additional data available.
Respiratory or skin sensitivity	No additional data available.
Germ cell mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT – single exposure	No additional data available.
STOT – repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.

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Other information	No additional data available.
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SECTION 12: Ecological Information

12.1 Toxicity	No additional data available.
12.2 Persistence & degradability	Biodegradable
12.3 Bio- accumulative potential	No additional data available.
12.4 Mobility in soil	No additional data available.
12.5 Results of PBT & VPVB assessment	No additional data available.
12.6 Other adverse effects	No additional data available.

SECTION 13: Disposal Information

13.1 Waste treatment methods	When possible recover spilled product. When product must be discarded, do so into an authorised dump or recycling service station. Act in accordance with local and national regulations.
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SECTION 14: Transport Information

14.1 UN NUMBER	
UN No. Road	Not bound under transport regulations.
UN No. Sea	Not bound under transport regulations.
UN No. Air	Not bound under transport regulations.
14.2 UN PROPER SHIPPING NAME	Not bound under transport regulations.
14.3 TRANSPORT HAZARD CLASS(ES)	Not bound under transport regulations.
14.4 PACKAGING GROUP	Not bound under transport regulations.
14.5 ENVIRONMENTAL HAZARDS	Not bound under transport regulations.
14.6 SPECIAL PRECAUTIONS FOR USER	Not bound under transport regulations.
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE	Not bound under transport regulations.

SECTION 15: Regulatory Information

15.1 Product specific safety, health & environmental regulations & legislation	
EU Directives	Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG (108). EU Legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
15.2 Chemical Safety Assessment	No additional information available.

SECTION 16: Other Information

Hazard and/or Precautionary Statements in Full	None.
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.
Version	3
Revision Date	30th October 2020
Reason for Revision	REACH Status

Q.C. REQUIREMENTS.

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

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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