

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **Stearic Acid**
Supplier: **Akoma International (UK) LTD**
Unit 9A Sawley Park
Nottingham Road
Derby
DE21 6AS
Tel: +44 (0) 1332 613 967
Emergency Contact: Mr. Wynn Mensah – Tel: 01332 613 967

2 - Composition and information on ingredients:

Identification: Octadecanoic Acid
CAS Number: 57-11-4
INCI: Stearic Acid
Health hazardous components Not applicable

3 - Hazards identification:

Health Hazards The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Environmental Hazards Inform all downstream users of possible contamination. Stop source of spill as soon as possible and notify site or duty manager. Do not allow to enter sewers/ surface or ground waters
Flash point Above 250°C

4 - First aid measures:

Inhalation Remove to clean atmosphere
Skin contact a. Cold : Wash or wipe clean with excess of water ; b. Hot : cool the burns with cold water and seek medical help for burns.
Ingestion Rinse out mouth. Do not give anything by mouth if the person is unconscious or is having convulsions. If symptoms persist consult a doctor.
Eye contact Wash with eye wash solution or water

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Stearic Acid - MSDS

5 - Fire - Fighting measures:

Fire fighting procedures	Any system, except water jet In case of fire use normal fire fighting equipment. Particular danger of slipping on spilled/leaked heated material. When using water , note that product may float on water in molten state.
Protective Equipment	Recommended to use an approved Self -Contained Breathing Apparatus. Protective clothing.
Hazardous combustion products	Carbon Monoxide, carbon dioxide

6 - Accidental release measures:

Spillage/Leakage	Cold spillage: collect material and clean surface with soap and water ; Hot spillage: surround spill with sand and allow to cool, collect cooled material. Clean surface with water and soap. Dispose contaminated material as waste according to item13.
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7 - Handling and storage:

Storage / Shelf Life	Shelf - Life ; 24 months if stored under cool, dry, dark conditions.
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8 - Exposure controls and personal protection:

Personal Protection	The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory Protection	Not necessary if room is well-ventilated.
Hand Protection	Impervious gloves
Eye Protection	Eye glasses to protect against splash.
Body Protection	Protective clothing in case of hot material splashes

9 - Physical data and chemical properties:

Appearance	White flakes
Solubility	Insoluble in water
Bulk Density (g/cm ³)	0.9 @ 60°C
Odour	Characteristic
Colour	White
Flash Point	Above 250°C
Boiling Point °C	250°C @ 16mm Hg ; > 300 °C @ 760 mm Hg
Melting point °C	>50 °C
Vapour pressure	Non - volatile at 20°C

10 - Stability and Reactivity:

Stability	Product is stable at normal room temperature
Materials to avoid	Strong oxidisers. Eliminate sources of ignition.

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Hazardous decomposition products Carbon Monoxide, carbon dioxide

11 - Toxicological information:

Acute oral	Product not classified as dangerous
Ingestion	Product not classified as dangerous
Inhalation	Not expected to be toxic by inhalation.
Skin contact	Product not classified as dangerous
Eye contact	Irritant to eyes. Product not classified as dangerous

12 - Ecological information:

Biological degradation	Do not allow it to reach ground water, water course or sewage system.
Ecological information	

13 - Disposal considerations:

Disposal	The user has the responsibility to dispose of unused material and containers in compliance with local, national and EU Laws and directives.
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14 - Transport information:

Transport	Not regulated
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15 - Regulatory information:

Regulatory	Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and Ordinance on Hazardous Materials
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16 - Other information:

The Material Safety Data Sheet (MSDS) has been prepared in compliance with EU Directives and regulations.

This information relates only to specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of Just for Today knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for its own particular use.

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