

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **Piroctone Olamine**
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 - Hazards identification:

Potential Health Effects:

Ingestion: Slight irritation
Eye contact: Mild irritation
Inhalation: Irritation
DOT Corrosive: N/A

3 - Composition and information on ingredients:

INCI Name: **Piroctone Olamine**
Chemical name: Piroctone Ethanolamine Salt (1:1), Octopirox™ 1-Hydroxy-4-methyl-6- (2,4 ,4-tri methyl-pentyl)-2(IH)-pyridone ethanolamine salt
CAS No: 68890-66-4
EC No: 272-574-2

4 - First aid measures:

Oral Exposure: If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Inhalation Exposure: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
Dermal Exposure: In case of skin contact, flush with soap and copious amounts of water.
Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes.

5 - Fire - Fighting measures:

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| <u>Extinguishing media</u> | Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam. |
| <u>Protective Equipment:</u> | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. |
| <u>Specific Hazard(s):</u> | Emits toxic fumes under fire conditions. |

6 - Accidental release measures:

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| <u>Personal precautions:</u> | Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. |
| <u>Cleaning up methods</u> | Remove all potential ignition sources. Contain spilled material. |

7 - Handling and storage:

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| <u>Precautions in handling:</u> | Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. |
| <u>Storage:</u> | Keep tightly closed. Keep this container (bag) away heat, sparks and flame |

8 - Exposure controls and personal protection:

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| <u>Engineering Controls:</u> | Safety shower and eye bath. Mechanical exhaust required. |
| <u>Respiratory:</u> | Government approved respirator. |
| <u>Hand protection:</u> | Compatible chemical-resistant gloves. |
| <u>Eye protection:</u> | Use chemical after goggles. |
| <u>Work/Hygiene practices:</u> | Wash thoroughly after handling. |

9 - Physical data and chemical properties:

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| <u>Physical Stage:</u> | White or light yellow crystalline powder |
| <u>Odour:</u> | Faint characteristic |
| <u>pH:</u> | 8.5~10.0 |
| <u>Assay:</u> | 98% min. |
| <u>Molecular weight:</u> | 298.4 |
| <u>Solubility:</u> | Insoluble in water, mineral oil, isopropylene Soluble in ethanol, propylene glycol |

10 - Stability and Reactivity:

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|----------------------------------|---------------------------------|
| <u>Stability:</u> | Stable |
| <u>Incompatibilities:</u> | Strong oxidising agents |
| <u>Condition to avoid:</u> | Heat, fire and ignition sources |
| <u>Hazardous combustion:</u> | NA |
| <u>Hazardous polymerization:</u> | Will not occur |

11 - Toxicological information:

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|-------------------------------------|-----------------------------------|
| <u>Acute LD50 RAT:</u> | 10000mg/kg |
| <u>Carcinogenicity information:</u> | Not listed as a carcinogen by NTP |

Not regulated as a carcinogen by OSHA
Not evaluated by IARC

12 - Ecological information:

Eco-toxicity: No ecological studies have been carried out on this product

13 - Disposal considerations:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

14 - Transport information:

DOT Proper shipping name: None
Non-hazardous for transport: This substance is considered non-hazardous for transport

IATA: Non-hazardous for air transport: Non-hazardous for air transport

15 - Regulatory information:

This product is not hazardous

16 - Other information:

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 it's' 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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