

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **White Willow Bark (14:1) Botanical Extract**
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:

Emergency Overview

WHMIS Classification Not a WHMIS controlled product.
GHS Classification Serious eye damage/eye irritation - Category 2B

GHS Label elements, including precautionary statements

Signal : Hazard statement(s) H320 Causes eye irritation.
Precautionary statement(s) P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P305 + 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses . if present and easy to do – continue rinsing.

HMIS Classification & Potential Health Effects

Inhalation May cause mild irritation.
Eyes Causes eye irritation
Ingestion May be harmful if swallowed.

3 - Composition and information on ingredients:

| | |
|---------------|------------------|
| Product Name | Salicin |
| CAS NO | N/A |
| EC NO | N/A |
| Concentration | Greater than 15% |

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4 - First aid measures:

| | |
|--------------|---|
| Eye contact | Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs. |
| Skin contact | Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention. |
| Inhalation | If inhaled, removed to fresh air. Get medical attention if symptoms appear. |
| Ingestion | Seek medical attention or contact local poison control center. |

5 - Fire - Fighting measures:

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| Suitable extinguishing media | Use extinguishing media that are suitable for the surrounding combustible materials. |
| Unsuitable extinguishing media | Water spray, water jet. |
| Special protective equipment and precautions for fire-fighters | Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. |
| Resulting gases | Carbon oxides. |

6 - Accidental release measures:

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| Personal precautions, protective equipment and emergency procedures. | Equip clean crew with proper protection. Respiratory protection equipment may be necessary. |
| Environmental precautions | Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. |
| Methods and materials for containment and cleaning up | To prevent the formation of dust, avoid dry sweeping, use vacuum or cleaning systems with water spray. |
| References to other Sections: | Please refer to <i>Section 8 - Exposure controls/personal protection</i> for further information on personal precautions Please refer to <i>Section 13 - Disposal Considerations</i> for further information on waste treatment. |

7 - Handling and storage:

Precautions for safe handling Avoid generation and spreading of dust. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Store in a cool and dry location. Spilled material (both wet and dry) may cause slippery conditions. Care should be exercised when walking on spills.

8 - Exposure controls and personal protection:

Exposure controls Use exhaust ventilation, if required, to maintain dust concentration.
Eyes Use tightly sealed goggles.
Skin If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.
Respiratory In case of insufficient ventilation, wear suitable respiratory equipment.

9 - Physical data and chemical properties:

Appearance : Fine tan to brownish yellow powder.
Odor : Faint botanical odor.
Solubility (ies) : Good solubility in hydro-alcoholic solution

10 - Stability and Reactivity:

Reactivity This material presents no significant reactivity hazard. Chemical stability Chemically stable.
Possibility of hazardous reactions Hazardous polymerization will not occur. Conditions to avoid Humidity, sunshine and high temperature.
Incompatible materials Acid and alkaline.

11 - Toxicological information:

Acute toxicity Not available.
Respiratory or skin sensitization Prolonged exposure to dust can cause respiratory effects.
Inhalation May cause mild irritation.
Skin contact Adverse skin effects should be prevented by normal care and personal hygiene.
Eye contact Eye contact may cause irritation.

12 - Ecological information:

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|--------------------------------------|--|
| Ecotoxicity | Avoid any pollution of ground, surface or underground water. |
| Persistence and degradability | Not available. |
| Bio - accumulative potential | Not available. |
| Mobility in soil | Not available. |
| Other adverse effects | Not available. |

13 - Disposal considerations:

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14 - Transport information:

| | |
|-------------------------------------|---------------|
| US DOT Shipping Description (Land) | Not regulated |
| IMO-IMDG Shipping Description (Sea) | Not regulated |
| IATA Shipping Description (Air) | Not regulated |

15 - Regulatory information:

Safety, health and environmental regulations/legislation specific for the substance or mixture

| | |
|---------------------------|--|
| U Directives | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments. |
| Statutory Instruments | The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716). |
| Approved Code of Practice | Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations |
| Guidance Notes | Workplace Exposure Limits EH40. CHIP for everyone HSG 108. |

Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

16 - Other information:

Training instructions: Refer to possible hazard before use of this product.

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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 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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