

# AKÖMA™

## FROM THE HEART

### MATERIAL SAFETY DATA SHEET

#### 1 - Identification of Product and Supplier

Product Name: **Vitamin C (Ascorbic 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 - Hazards identification:

| Components                | % in Product | CAS Number | Formula | EINECS Number |
|---------------------------|--------------|------------|---------|---------------|
| Vitamin C (Ascorbic Acid) | 100%         | 50-81-7    | C6H8O6  | 200-066-2     |

#### 3 - Composition and information on ingredients:

Classification Under CLP This product has no classification under CLP  
Label Elements This product has no label elements  
Other hazards No significant hazard.  
May be irritating to eyes, respiratory system and skin  
Wear suitable protective clothing

#### 4 - First aid measures:

Eyes Rinse with plenty of water for at least 15 minutes while holding eyelids apart. Seek medical attention if irritation persists.

Skin Wash with plenty of soap and water.

Swallowing Wash mouth out with water. If feeling unwell consult a Doctor.

Inhalation Remove to fresh air. If breathing is difficult, seek medical attention.

## 5 - Fire - Fighting measures:

|                            |   |
|----------------------------|---|
| Fire and Explosion Hazards | Emits toxic fumes of carbon dioxide and carbon monoxide under fire conditions.                            |
| Extinguishing media        | Foam, water spray, carbon dioxide, dry chemical powder  |
| Fire Fighting Instructions | Wear a self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes |

## 6 - Accidental release measures:

Procedures of personal precaution Refer to Section 8.

|                     |  |
|---------------------|--|
| Cleaning up Methods | Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete |
|---------------------|--|

## 7 - Handling and storage:

|                               |  |
|-------------------------------|--|
| Precautions for safe handling | Avoid creating dust. Avoid contact with eyes, skin and clothing, avoid prolonged or repeated exposure. |
| Storage conditions            | Store in cool, well-ventilated area.   |
| Suitable packaging            | Must only be kept in original packaging.   |

## 8 - Exposure controls and personal protection:

|                        |   |
|------------------------|---|
| Engineering Measures   | Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure.<br>WEL (8 hr TWA); 10mg/m <sup>3</sup> ,<br>WEL (15 min STEL) 4mg/m <sup>3</sup> |
| Respiratory Protection | Avoid inhalation. 3M Dust respirator No. 8710 or 9900 is recommended, or a NIOSH/MSHA jointly approved dust respirator  |
| Hand/Body Protection   | Avoid contact and prolonged or repeated exposure. Wear resistant gloves such as rubber. Wash thoroughly after handling. Protective clothing recommended.  |
| Eye Protection         | Wear safety glasses in compliance with OSHA regulations.  |

## 9 - Physical data and chemical properties:

|                |           |
|----------------|-----------|
| Physical state | Powder    |
| Colour         | White     |
| Odour          | Odourless |
| Solubility     | Soluble   |

## 10 - Stability and Reactivity:

|  |                                       |
|--|---------------------------------------|
| Chemical stability                     | Stable under normal conditions        |
| Conditions to avoid                    | Heat                                  |
| Incompatibility                        | Strong oxidizing agents, strong acids |
| Hazardous decomposition<br>Productions | In combustion emits toxic fumes       |

## 11 - Toxicological information:

|                |   |
|----------------|---|
| Acute Toxicity | IVN WMN LCLO 900mg/kg<br>LD50 (Rat Oral)– 11,900mg/kg<br>LD50 (SCU-Rat) – 10mg/kg |
|----------------|---|

## 12 - Ecological information:

|                           |                              |
|---------------------------|------------------------------|
| Mobility                  | Soluble in water             |
| Degradability             | Biodegradable                |
| Bioaccumulative potential | No bioaccumulative potential |
| Other adverse effects     | Negligible Ecotoxicity       |

## 13 - Disposal considerations:

|                     |  |
|---------------------|--|
| Waste from residues | Must be disposed of in accordance with local regulations |
|---------------------|--|

## 14 - Transport information:

|                          |  |
|--------------------------|--|
| Transport classification | Not classified as dangerous for any mode of UK or International transport. |
|--------------------------|--|

## 15 - Regulatory information:

|                                    |  |
|------------------------------------|--|
| European Regulation                | No significant hazard.   |
| Reviews, Standards and Regulations | Health & Safety at work act 1974<br>COSHH Regulations (1994)<br>EH40 Occupational exposure limits. |

## 16 - Other information:

This advice is given by Akoma International (UK) Ltd who accepts no legal liability for it. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

Individuals working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterised or unknown.

We confirm that the information above is sourced from the original manufacturers/suppliers Material Safety Data Sheet.

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