



SAFETY DATA SHEET

AMARANTH

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

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| PRODUCT NAME: | AMARANTH |
| PART No.: | RM011 |
| SUPPLIER: | J M Loveridge plc Southbrook Road, Southampton Hampshire SO15 1BH Tel: 023 8022 2008 Fax: 023 8022 2117 |

2. COMPOSITION/INFORMATION ON INGREDIENTS:

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| CAS No.: | 915-67-3 |
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3. HAZARDS IDENTIFICATION:

Not regarded as a health or environmental hazard under current legislation.

Inhalation of dust may cause transient irritation to the respiratory system.

4. FIRST AID MEASURES:

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| GENERAL: | IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION |
| INHALATION: | Remove affected person from exposure, rest and keep warm. |
| INGESTION: | DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). |
| SKIN: | Remove contaminated clothing. Wash affected area with plenty of soap and water. Launder clothing before re-use. |
| EYES: | Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse. |

5. FIRE FIGHTING MEASURES:

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| EXTINGUISHING MEDIA: | Water spray, fog or mist, carbon dioxide (CO ₂), alcohol resistant foam, dry chemicals, sand, dolomite etc. |
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| SPECIAL FIRE FIGHTING PROCEDURES: | Do not release contaminated water used for extinguishing into drains, soil or surface water. |
| UNUSUAL FIRE & EXPLOSION HAZARDS: | Finely divided material can cause dust explosion. |
| HAZARDOUS COMBUSTION PRODUCTS: | Toxic or corrosive vapours may be released in fire situation. - including sulphur oxide (SO _x) fumes. |
| PROTECTIVE MEASURES IN FIRE: | Fire fighters should wear self-contained breathing apparatus. |

6. ACCIDENTAL RELEASE MEASURES:

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| PERSONAL PRECAUTION IN SPILL: | Avoid direct contact with skin, eyes and clothing. Avoid breathing dust. |
| PRECAUTIONS TO PROTECT ENVIRONMENT: | Prevent contamination of soil, drains and surface water. |
| SPILL CLEANUP METHODS: | Avoid dry sweeping or other methods which raise dust. Vacuum or wet-sweep and place into a suitable closable, labelled container for disposal. Wash the area clean with water and detergent, observing environmental requirements. |

7. HANDLING AND STORAGE:

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| USAGE PRECAUTIONS: | The product should be used in accordance with good industrial safety practice and hygiene principles for handling and storing of chemicals. Avoid breathing dust. |
| STORAGE PRECAUTIONS: | Store in a cool, dry, well ventilated place, in securely closed original container. |

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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| INGREDIENT COMMENTS: | No specific OES assigned, however for dusts of any kind, ensure LTEL (8-hour TWA ref. period) level does not exceed 10 mg.m ³ for total inhalable dust or 4 mg.m ³ for respirable dust (or) as recommended in current edition of EH40. |
| VENTILATION: | Provide adequate general and local exhaust ventilation. Respiratory protection required in insufficiently ventilated working areas. |
| RESPIRATORS: | If unable to control dust emissions below OES limits, an approved dust protection to P2 level of protection is recommended. |
| PROTECTIVE GLOVES: | Use impervious gloves made of polyvinyl chloride (PVC). |
| EYE PROTECTION: | Use eye protection. |
| HYGIENIC WORK PRACTICES: | SKIN PROTECTION - apply barrier cream to hands and exposed skin. Regularly vacuum dust to minimise the potential of air-borne exposure. |

9. PHYSICAL AND CHEMICAL PROPERTIES:

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| APPEARANCE: | Fine powder |
| COLOUR: | Red. |

ODOUR/TASTE: No characteristic odour.

10. STABILITY AND REACTIVITY:

STABILITY: Stable under normal conditions of use.

CONDITIONS TO AVOID: Avoid excessive dust build up in air.

MATERIALS TO AVOID: Strong oxidizing agents. Strong reducing agents.

HAZARDOUS DECOMP. PRODUCTS: Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours.

11. TOXICOLOGICAL INFORMATION:

TOXIC DOSE - LD 50: > 6000 mg/kg (oral rat)

HEALTH WARNINGS: No specific short or long term health effects anticipated.
Inhalation of high concentration of dust may cause a mechanical overburdening of the respiratory system.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION: Not regarded as dangerous for the environment.

BIO ACCUMULATION: Not expected to bio-accumulate.

DEGRADABILITY: Readily biodegradable.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Disposal should be in accordance with the principles of Duty of Care observing local and national regulations.

14. TRANSPORT INFORMATION:

GENERAL: Not classified as hazardous for transport.

15. REGULATORY INFORMATION:

COMMENTS: This product does not require classification, however the following is suggested for supply - Avoid breathing dust.

16. OTHER INFORMATION:

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| INFORMATION SOURCES: | This product has been classified in accordance with CHIP3 regulations. |
| REVISION COMMENTS: | Edition 01; Revised item(s): |
| ISSUED BY: | MK |
| SDS No.: | 143 |
| DATE: | 12/07/02 |
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