



SAFETY DATA SHEET

MALACHITE GREEN

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

PRODUCT NAME:	MALACHITE GREEN
PART No.:	RM154
SUPPLIER:	J M Loveridge plc Southbrook Road, Southampton Hampshire SO15 1BH Tel: 023 8022 2008 Fax: 023 8022 2117

2. COMPOSITION/INFORMATION ON INGREDIENTS:

EU INDEX No.:	- - -
CAS No.:	18015-76-4

3. HAZARDS IDENTIFICATION:

Harmful if swallowed. Irritating to eyes, respiratory system and skin. Risk of serious damage to eyes.

4. FIRST AID MEASURES:

GENERAL:	IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION
INHALATION:	Move affected person from exposure. If recovery not rapid or complete seek medical attention.
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). Keep patient at rest and obtain medical attention.
SKIN:	Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation persists, seek medical attention. 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:

EXTINGUISHING MEDIA:	Foam, dry chemical, sand, dolomite etc.
HAZARDOUS COMBUSTION PRODUCTS:	Noxious or toxic vapours may be released in fire situation.
PROTECTIVE MEASURES IN FIRE:	Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL:	Avoid breathing dust. Avoid direct contact with skin, eyes and clothing.
PRECAUTIONS TO PROTECT ENVIRONMENT:	Prevent contamination of soil, drains and surface water.
SPILL CLEANUP METHODS:	Cover spillage with damp inert material, take-up or collect 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:

USAGE PRECAUTIONS:	HANDLING - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Avoid breathing dust. Avoid contact with skin or eyes. Minimise creation of air-borne dust by application of good occupational hygiene principles, appropriate control measures and extraction techniques.
STORAGE PRECAUTIONS:	Store in a cool, dry, well ventilated place, in securely closed original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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.m3 for total inhalable dust or 4 mg.m3 for respirable dust (or) as recommended in current edition of EH40.
VENTILATION:	Provide adequate general and local exhaust ventilation.
RESPIRATORS:	If unable to control dust emissions below OES limits, an approved dust protection to P2 level of protection is recommended.
PROTECTIVE GLOVES:	Use protective gloves.
EYE PROTECTION:	Use eye protection.
OTHER PROTECTION:	Wear personal protective equipment appropriate to the quantity of material handled.
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:

APPEARANCE:	Green powder.		
MELT/FREEZ. POINT (°C, interval):	mp. 148°C		
pH-VALUE, DILUTED SOLUTION:	2.5	Concentration % M:	(1% aqueous solution)

10. STABILITY AND REACTIVITY:

STABILITY:	Stable under normal conditions of use.
CONDITIONS TO AVOID:	Avoid excessive heat.
HAZARDOUS DECOMP. PRODUCTS:	Noxious, toxic or corrosive vapours may be released in a fire situation.

11. TOXICOLOGICAL INFORMATION:

TOXIC DOSE - LD 50:	205 mg/kg (oral rat)
HEALTH HAZARDS, GENERAL:	Dust will severely irritate membranes of nose, throat, lungs and eyes. Contact with aqueous solutions may cause chemical burns.
INGESTION:	Harmful by ingestion.
SKIN:	May cause skin sensitisation.
EYES:	May cause irritation to eyes.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	No specific data or information available regarding environmental impact.
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13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	This material and/or its container must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations, in compliance with Duty of Care Regulations and Special Waste Regulations.
WASTE CLASS:	WASTE CODE: 0705** HAZARDOUS PROPERTY: H5

14. TRANSPORT INFORMATION:

GENERAL:	Not classified as hazardous for transport.
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15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES:	R-22 Harmful if swallowed. R-36/37/38 Irritating to eyes, respiratory system and skin. R-41 Risk of serious damage to eyes.
SAFETY PHRASES:	S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S-46 If swallowed seek medical advice immediately and show this container label.
UK REGULATORY REFERENCES:	Classification, Packaging and Labelling Regulations 1984. Chemicals (Hazard Information & Packaging) Regulations 1993.
COMMENTS:	Classified in accordance with suppliers data/information.

16. OTHER INFORMATION:

INFORMATION SOURCES:	This product has been classified in accordance with CHIP3 regulations.
REVISION COMMENTS:	Edition 01; Revised item(s):
ISSUED BY:	MK
SDS No.:	155
DATE:	12/07/02
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