

L. Cornelissen & Son.

SAFETY DATA SHEET

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

Product information:

Product Name : Crocus Powder
Chemical Name : Iron Oxides
Synonyms : None
Company : L. Cornelissen & Son.
105 Great Russell Street.
London.
WC1B 3RY
Tel: 020 76361045.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients CAS Number EC Number % of composition

Please refer to summary table.

3. HAZARD IDENTIFICATION

Inhalation: Excessive exposure may cause symptoms of chronic lung disease.

Ingestion: The product is of low solubility in body fluids and it is likely to be of low toxicity.

Eyes: May cause physical irritation and inflammation.

Skin: The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. FIRST AID MEASURES

General Recommendations:

Inhalation: Remove patient to fresh air, loosen tight clothing and seek medical attention.

Ingestion: Do not induce vomiting. Seek medical advice.

Eyes: Wash immediately with copious amounts of water.

Skin: Wash affected areas with water.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Those suitable for surrounding fire conditions.

Special exposure hazards: In the event of a fire the product may emit harmful or toxic fumes.

Protective personal equipment: Self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Leaks & Spills: Use suitable vacuum equipment where reasonably practicable. Otherwise, damp down and scoop into a receptacle.

Personal protective equipment: Respiratory protective equipment.

7. HANDLING AND STORAGE Handling: Do not eat, drink, or smoke in areas where the material is used.
Wash thoroughly after handling the material.

Storage: Store in dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION Engineering controls: Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended. **Personal protective equipment:** Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form: powder

Colour: red

Odour: odourless

Flash point (°C): N/A

Flammability: N/A

Explosive properties: Non-explosive

Oxidising properties: None

Specific gravity: 3 - 5

pH value: 7 (insoluble in water)

Melting point (°C): Not available

10. STABILITY AND REACTIVITY

Chemical stability: The material is stable

Conditions/materials to avoid: None known

Hazardous decomposition products: None known

Hazardous polymerization products: None

11. TOXICOLOGICAL INFORMATION

Acute toxicology: LD50 Oral: >2000mg/kg

LD50 Dermal: Not known

LD50 inhalation: Not known

Health effects: Prolonged or repeated exposure above Occupational Exposure Standards may cause fibrosis of the lungs.

12. ECOLOGICAL INFORMATION Ecotoxicity: Not known

Persistence: The material is chemically stable and will persist in the environment.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with current waste disposal regulations (for UK – Control of Pollution (Special Waste) Regulations 1996).

Landfill is the most appropriate method.

14. TRANSPORT INFORMATION

UN/SI No. Not restricted

UN Class Not restricted

Packing Group Not restricted

Road UK Not restricted

ADR Not restricted

Sea IMO Not restricted

Air Not restricted

ICAO

15. REGULATORY INFORMATION

EC Supply Labelling: Non hazardous

R-Phrases: None

S-Phrases: Optional for dusty powders S20/21: when using do not eat, drink or smoke.

S38: in case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational exposures limits*: Mg/m³ 8 hr TWA % in product.

Dusts - 10

Total inhalable 5

Total respirable

*Refer to HSE Guidance note EH40

In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any

safety data sheet does not constitute the user's assessment of workplace risk.

16. OTHER INFORMATION

Summary per product: Ref	Component	CAS	EINECS	% of composition
RM1309	iron oxide Fe ₂ O ₃	1309-37-1	2151682	100%