

Camlab Limited – Material Safety Data Sheet


1. Identification

Product Code CC/3103-AO

Product Name **INDIGO CARMINE (C.I. 73015)**

CAS Number **860-22-0**

Supplier: **CAMLAB LIMITED**



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2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Indigo Carmine	860-22-0	2127288	<100.0%	None	N/A

3. Hazards Identification

Not considered harmful

4. First Aid Measures

Eyes Flush with water for at least 15 minutes and contact physician.

Skin Remove all contaminated clothes & footwear immediately unless stuck to skin. Drench affected skin with running water for 10 minutes or longer if substance is still on skin.

Inhalation Remove from exposure.

Ingestion Do not induce vomiting. If conscious, give 1 pint of water to drink immediately.

5. Fire Fighting Measures

Hazards Fire-fighters should wear protective clothing and breathing apparatus.

Extinguishing Media Water spray. Carbon dioxide or dry chemical powder. Alcohol or polymer foam.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Avoid breathing dust-wear respiratory protective equipment.

Environmental Do not discharge into drains or rivers.

Major Spillage Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal.

Minor Spillage Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal.

7. Storage & Handling

Handling Precautions	Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.
Storage Conditions	Well ventilated, cool, dry storage .

8.1 Workplace Exposure Limits

No prescribed exposure limits available

8.2 Personal Protection

Respiratory	Wear a respiratory protective device with particle filter. Self-contained breathing apparatus must be available in case of emergency.
Hands	Wear PVC gloves.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Wear protective clothing with elasticated cuffs & closed neck. Wear boots made of PVC.

9. Physical & Chemical Properties

Appearance	Fine blue powder.
Odour	Odourless.
pH	4-7
Boiling point	Not available
Melting point	260.0 °C
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	No.
Oxidising Properties	No.
Vapour Pressure	Not available
Relative Density	Not available
Water Solubility	Completely soluble in water.

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	No specific conditions.
Materials to Avoid	Strong oxidising agents. Reducing agents.
Hazardous Decomposition Products	In combustion emits toxic fumes of carbon dioxide & carbon monoxide, sulphur oxides, & nitrogen oxides.

11. Toxicological Information

Eyes	Presents no significant health hazard to the eyes.
Skin	Presents no significant hazard by skin contact.
LD50 Skin	Not available
Ingest	Presents no significant hazard by ingestion.
LD50 Ingest	Oral Rat 2g/Kg
Inhalation	Inhalation of dust may cause irritation to the throat & a feeling of tightness in the chest.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

12. Ecological

Soluble in water. Biodegradable. No bioaccumulation potential. Negligible ecotoxicity.

13. Disposal Considerations

Disposal Methods Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
Contaminated Packaging Burn in a chemical incinerator equipped with afterburners and scrubbers.

14. Transport Information

Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

15. Regulatory Information

Labelling	None
Classification	
Label Symbols	None
Risk & safety Phrases	None
EEC Number	2127288

16. Other Information

Document Information This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

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