

Camlab Limited – Material Safety Data Sheet

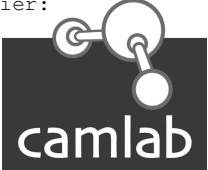
1. Identification

Product Code CC/3103-AO

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

CAS Number **860-22-0**

Supplier: **CAMLAB LIMITED**



**Norman Way Industrial Estate
Over
Cambridge
England
CB4 5WE**

Phone **01954 233110**

Fax **01954 233101**

Emergency Telephone **08:00-17:00 01954 233110**
24hr 112
(Have this document to hand)

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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