

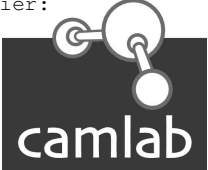
1. Identification

Product Code **1111639**

Product Name **TOLUIDINE BLUE O (C.I. 52040)**

CAS Number **92-31-9**

Supplier: **CAMLAB LIMITED**
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2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Toluidine Blue O	92-31-9	202-146-2	<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 Drench affected skin with running water for 10 minutes or longer if substance is still on skin.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

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

Extinguishing Media Water spray. Carbon dioxide or dry chemical powder.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Refer to personal protection details. Do not create dust.

Environmental Do not discharge into drains or rivers.

Major Spillage Absorb into dry earth or sand. Transfer to a suitable container.

Minor Spillage Absorb into dry earth or sand. Transfer to a suitable container.

7. Storage & Handling

Handling Precautions	Ensure there is sufficient ventilation of the area. Must only be kept in original packaging.
Storage Conditions	Well ventilated, cool, dry storage . Keep container tightly closed.

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. Ensure eye bath is to hand.
Skin	Wear protective clothing with elasticated cuffs & closed neck.

9. Physical & Chemical Properties

Appearance	Dark green/brown powder.
Odour	Odourless.
pH	Not available
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	Slightly soluble in water.

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	No specific conditions.
Materials to Avoid	Strong oxidising agents.
Hazardous Decomposition Products	In combustion emits toxic fumes.

11. Toxicological Information

Eyes	There may be irritation & redness.
Skin	There may be mild irritation at the site of contact.
LD50 Skin	Not available
Ingest	May be harmful by ingestion.
LD50 Ingest	Not available
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

Not specified.

13. Disposal Considerations

Disposal Methods	Mix or dissolve with combustible material. Burn in a chemical incinerator equipped with afterburners and scrubbers. Arrange for collection by specialised disposal company.
Contaminated Packaging	Burn in a chemical incinerator equipped with afterburners and scrubbers. Arrange for collection by specialised disposal company.

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	Wear suitable protective clothing,gloves and eye/face protection.
EEC Number	202-146-2

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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