



## COLIN CAMPBELL (CHEMICALS) PTY. LTD.

### MATERIAL SAFETY DATA SHEET

Date of Issue: 1 December 2016

#### 1) IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** CAMPBELL TRU-BLUE SPRAY INDICATOR  
**Other Names:**  
**Chemical Group:** Dye solution  
**CAS No.:** 2650-18-2  
**Recommended Use:** Spray indicator  
**Supplier Details:** Colin Campbell (Chemicals) Pty Ltd ABN 29 000 045 590  
5 Blackfriar Place  
Wetherill Park NSW 2164  
**Telephone:** (02) 9725 2544  
**Fax:** (02) 9604 7768  
**Email:** [cccsyd@campbellchemicals.com.au](mailto:cccsyd@campbellchemicals.com.au)  
**Website:** [www.campbellchemicals.com.au](http://www.campbellchemicals.com.au)  
**Contact:** Product Development Manager – (02) 9725 2544  
**Emergency Telephone Number:** 13 11 26 (Poisons Information Centre)

#### 2) HAZARDS IDENTIFICATION

**GHS classification:** Not a hazardous substance or mixture.  
**GHS Signal Words:** No signal word required.  
**Hazard Statements :** No hazard statements required.

**General Precautionary Statements :** P102 Keep out of reach of children.  
P103 Read label before use.

**Pictograms :** No pictograms required.

**Precautionary statements Prevention:** None required

**Precautionary statements Response:** P353: Rinse skin or shower with water.  
P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P332 + P313 : If skin irritation occurs : Get medical advice.  
P337 +P313 : If eye irritation PERSISTS : Get medical advice.  
P391 : Collect spillage.

**Storage :** P402 : Store in a dry place.  
P404 : Store in a closed container.

**Disposal:** P501 Dispose of contents/container to an approved waste disposal plant.

**Other information :** Non-dangerous and non-hazardous goods as defined by WHS.



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#### 3) COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
Acid blue	N/A	30-60%

#### 4) FIRST AID MEASURES

If poisoning occurs, move out of dangerous area immediately contact a doctor or Poison Information Centre (Ph: 13 11 26) and follow the advice given.  
Show this Material Safety Data Sheet to the doctor.

<b>If inhaled:</b>	First aid is not generally required.
<b>In case of skin contact:</b>	Carefully remove contaminated clothing and shoes immediately. Wash affected areas with mild soap and plenty of water.
<b>In case of eye contact:</b>	No effects expected. If irritation does occur, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing cautiously for several minutes.
<b>If swallowed:</b>	Rinse mouth and afterwards drink plenty of water. DO NOT induce vomiting. If symptoms develop, call a doctor.
<b>First Aid facilities</b>	Ensure eye wash and safety shower are available.
<b>Medical Attention:</b>	No information on symptoms. The first aid procedure should be established in consultation with a doctor responsible for industrial medicine.

#### 5) FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Water fog or mist, carbon dioxide, foam or dry chemical.
<b>Hazard from combustion products</b>	In a fire, formation of carbon monoxide, carbon dioxide can be expected.
<b>Precautions for fighting fires</b>	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Keep unnecessary people away. If it can be done safely remove intact containers from the fire. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire residues and contaminated fire extinguishing water in accordance with local regulations. Do not release contaminated water into the environment.
<b>Hazchem Code</b>	Not established



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#### 6) ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled material or contaminated surfaces. Do not smoke, eat or drink during the clean up process. Wear personal protective clothing and equipment as detailed in Section 8 PERSONAL PROTECTION. Keep people and animals away. Ensure adequate ventilation. Contain spill and absorb with earth, sand, clay or other absorbent material. Prevent spilled material from entering drains or watercourses. Collect and store in properly labelled drums for safe disposal. Clean floor with a damp cloth and place it in the drum. Seal drums and label ready for safe disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses etc is unavoidable warn the local water authority.

#### 7) HANDLING AND STORAGE

**Handling** When using do not eat, drink or smoke. Do not inhale spray mist. After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves and contaminated clothing.

**Storage** Store in the tightly closed original container in a cool well ventilated area out of sunlight. Do not reuse empty container. Do not store with food, feed or other materials to be used or consumed by humans and animals.

#### 8) EXPOSURE CONTROL/PERSONAL PROTECTION

**Exposure Standards** No TWA has been established.  
Exposure standard – Time Weighted Average (TWA) means the average airborne concentration of a particular substance when calculated over a normal eight hour working day, for a five-day working week.

**Biological Limit Values** None allocated

**Engineering Controls** Control process conditions to avoid contact. Use in a well ventilated area only. Facilities storing or utilising this material should be equipped with an eyewash facility and safety shower.

**Personal Protective Equipment**

Eyes:	Safety goggles. Eye wash bottle with pure water.
Clothing:	Impervious overalls buttoned to the neck and wrists and a washable hat.
Gloves:	Polyvinyl alcohol or nitrile-butyl-rubber gloves. Before removing gloves clean them with soap and water.
Respiratory:	Not necessary unless adequate ventilation is inadequate. If inhalation is likely an AS/NZS 1715/1716 approved respirator should be worn.



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#### 9) PHYSICAL AND CHEMICALS PROPERTIES

<b>Appearance:</b>	Viscous blue liquid.
<b>Odour:</b>	No odour
<b>pH:</b>	Not available
<b>Vapour pressure:</b>	Not available.
<b>Vapour density:</b>	Not available
<b>Boiling point:</b>	No data
<b>Freezing/Melting point:</b>	Not available
<b>Solubility:</b>	Completely soluble in water.
<b>Specific gravity:</b>	Not available
<b>Viscosity:</b>	Not determined
<b>Flash point:</b>	Not available
<b>Flammability (explosive) limit:</b>	Not applicable
<b>Auto ignition temperature:</b>	Not available
<b>Partition coefficient (octanol/water):</b>	Unknown

#### 10) STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable against heat, acid, alkali, and sunlight under normal conditions of use and storage.
<b>Conditions to avoid:</b>	No data available
<b>Incompatible materials :</b>	None known.
<b>Hazardous decomposition products:</b>	In a fire, formation of carbon monoxide, carbon dioxide can be expected.
<b>Hazardous reactions:</b>	Stable under recommended storage conditions. No decomposition if used as directed.

#### 10) TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	No data available.
<b>Skin contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Chronic toxicity: Germ cell mutagenicity:</b>	No data available.



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<b>Carcinogenicity:</b>	Not carcinogenic.
<b>Toxic to reproduction:</b>	No data available.
<b>Specific target organ toxicity (repeated exposure):</b>	No data available.
<b>Acute toxicity:</b>	
<b>Oral toxicity:</b>	No data available.
<b>Dermal toxicity :</b>	No data available.
<b>Inhalation toxicity:</b>	No data available.
<b>Sensitisation:</b>	No data available.
<b>Respiratory sensitisation</b>	No data available.
<b>Specific target organ toxicity (single exposure):</b>	No data available.

#### 11) ECOLOGICAL INFORMATION

DO NOT contaminate streams, rivers or waterway with this product or the used containers.

**Ecotoxicity:** No data available.

**Environmental fate, persistence and degradability, mobility** No data available.

**Identified harmful effects on environment:** There is no other data available for this product.

**Other precautions:** Do not contaminate dams, waterways or sewers with this product or used containers.

#### 12) DISPOSAL CONSIDERATIONS

This product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used containers. Triple or preferable pressure rinse containers before disposal. Add rinsings to the mixing tank. Do not dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Do not reuse empty containers.



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#### 13) TRANSPORT INFORMATION

##### International regulation

<b>UNRTDG</b>	Not regulated as a dangerous good.
<b>IATA-DGR</b>	Not regulated as a dangerous good
<b>IMDG-Code</b>	Not regulated as a dangerous good.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code :</b>	Not applicable for product as supplied.

##### National Regulations

###### ADG Code

Not considered as a dangerous good for transport by road or rail in Australia under the Australian Dangerous Goods Code.

#### 14) REGULATORY INFORMATION

Registered under the Agricultural and Veterinary Chemicals Act 1988 (Commonwealth) Australian Pesticides and Veterinary Medicines Authority approval number: 68258

#### 15) OTHER INFORMATION

Date of revision : 1 December 2016  
Reason for revision : Upgrading to GHS format.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of the how the product will be handled and used in the workplace including in conjunction with other products.

**END OF MSDS**