

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product (material) Name:** Alcian Blue 8GX. Catalogue # C063, C0631, C0635.  
**Other Names:**  
**Recommended Use:** Biological Stain.

**Supplier Name:** ProSciTech  
**Postal Address:** PO Box 111, Thuringowa Central Qld. 4817 Australia  
**Street Address:** 1/11 Carlton Street, Kirwan, Qld. 4817 Australia  
**Telephone Number:** (07) 4773 9444  
**Fax Number:** (07) 4773 2244  
**Emergency Contact:** (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

## SECTION 2 - HAZARDS IDENTIFICATION

**Hazard Classification:** Hazardous according to criteria of NOHSC.  
**Risk Phrases:**  
**Safety Phrases:**

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

**SUBSTANCE:**  
**Chemical Identity:** Alcian Blue 8GX  
**Common Name(s):**  
**CAS Number(s):** 33864-99-2

### MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Alcian Blue 8GX	33864-99-2	~54

## SECTION 4 - FIRST AID MEASURES

**Swallowed:** If large amounts were swallowed, give water to drink and seek immediate medical attention.  
**Eye:** Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation occurs/persists.  
**Skin:** Wash area with soap and water. Get medical advice if irritation develops.  
**Inhaled:** Not expected to require first aid measures.  
**First Aid Facilities:** Safety shower, eyebath.  
**Medical Attention & Special Treatment:** Treat symptomatically and supportively.

ADDITIONAL INFORMATION:

## SECTION 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.  
**Hazards from Combustion** Carbon oxides, nitrogen oxides.  
**Products:**  
**Precautions for Fire Fighters:** Wear self-contained breathing apparatus and full protective gear.  
**Hazchem Code:**

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:**  
**Containment and clean up:** Wear proper protective equipment, refer to Section 8. Sweep up and place into a container for waste disposal. Vacuuming or a wet broom can be used to avoid raising dust.

**SECTION 7 - HANDLING & STORAGE**

<b>Precautions for Safe Handling:</b>	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Minimise dust generation and accumulation. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Keep container tightly closed.
<b>Conditions for Safe Storage:</b>	Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>National Exposure Standards:</b>	No exposure standard allocated.
<b>Biological Limit Values:</b>	No biological limit allocated.
<b>Engineering Controls:</b>	Use only in a well ventilated area.
<b>Personal Protective Equipment:</b>	Wear protective eyeglasses or chemical safety goggles, protective gloves and appropriate protective clothing to minimise contact with the material.

**SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES**

<b>Appearance:</b>	Greenish black crystals a metallic sheen.
<b>Odour:</b>	Not available.
<b>pH:</b>	Not available.
<b>Vapour pressure:</b>	Not available.
<b>Vapour density:</b>	Not available.
<b>Boiling point/range:</b>	Not available.
<b>Freezing/melting point:</b>	Not available.
<b>Solubility:</b>	Moderate solubility in water.
<b>Specific gravity or density:</b>	Not available.
<b>Flash Point:</b>	Not available.
<b>Flammable (explosive) limits:</b>	Not available.
<b>Ignition temperature:</b>	Not available.
<b>Additional Information:</b>	Molecular Weight: 1298.88.

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Chemical stability:</b>	Stable under normal conditions of use.
<b>Conditions to avoid:</b>	
<b>Incompatible Materials:</b>	No information found.
<b>Hazardous Decomposition Products:</b>	Carbon oxides, nitrogen oxides.
<b>Hazardous Reactions:</b>	

**SECTION 11 - TOXICOLOGICAL INFORMATION**

<b>Acute and chronic health effects:</b>	
<b>Possible routes of exposure:</b>	Ingestion.
<b>Range of effects following exposure:</b>	Gastrointestinal upset may be caused from large doses.
<b>Dose likely to cause injury:</b>	
<b>Delayed effects:</b>	
<b>Relevant negative data:</b>	

**SECTION 12 – ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	
<b>Persistence and degradability:</b>	
<b>Mobility:</b>	
<b>Additional Information:</b>	

**SECTION 13 - DISPOSAL CONSIDERATIONS**

<b>Disposal Methods:</b>	Dispose of in accordance to Local, State and Federal Regulations.
<b>Special Precautions:</b>	

<b>SECTION 14 - TRANSPORT INFORMATION</b>
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UN Number:

UN Proper Shipping Name:

Class and Subsidiary risk:

Packing Group:

Special Precautions for User:

Hazchem Code:

<b>SECTION 15 - REGULATORY INFORMATION</b>
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Poison Schedule Number:                      None allocated

<b>SECTION 16 - OTHER INFORMATION</b>
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