

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) Name: Carmine. Catalogue # C089, C0891, C0895.
Other Names: CI 75470.
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: Not classified as hazardous according to criteria of NOHSC.
Risk Phrases:
Safety Phrases:

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE:
Chemical Identity: Carmine.
Common Name(s):
CAS Number(s): 1390-65-4

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Carmine	1390-65-4	

SECTION 4 - FIRST AID MEASURES

Swallowed: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Seek medical aid if irritation develops or persists.

Eye: Wash continuously with water for 15 minutes. Seek medical aid if irritation develops or persists.

Skin: Wash continuously with water for 15 minutes. Seek medical aid if irritation develops or persists.

Inhaled: Remove from exposure to fresh air immediately. Apply artificial respiration if not breathing. Seek medical aid if irritation develops or persists.

First Aid Facilities: Eye bath, safety shower.

Medical Attention & Special Treatment: Treat symptomatically and supportively.

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray to cool containers exposed to fire. Use water spray, dry chemical, carbon dioxide or appropriate foam to extinguish the surrounding fire.

Hazards from Combustion Products: Carbon monoxide, carbon dioxide, aluminium oxide.

Precautions for Fire Fighters: Wear full fire fighting gear and self-contained breathing apparatus.

Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES**Emergency Procedures:**

Containment and clean up: Use proper protective equipment, refer to Section 8. Avoid making dusty conditions. Vacuum or sweep up material and place into a suitable disposal container.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimise dust generation and accumulation. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Conditions for Safe Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible materials.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standard allocated.

Biological Limit Values: No biological limit allocated.

Engineering Controls: Provide adequate ventilation and have a safety showers and eyebath within close distance of work areas.

Personal Protective Equipment: Wear protective eyeglasses or chemical safety goggles, protective gloves, appropriate protective clothing (to prevent skin exposure). If necessary use a NIOSH approved respirator.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Red powder.
Odour: Not available.
pH: Not available.
Vapour pressure: Not available.
Vapour density: Not available.
Boiling point/range: Not available.
Freezing/melting point: Not available.
Solubility: Soluble in hot water.
Specific gravity or density: Not available.
Flash Point: Not available.
Flammable (explosive) limits: Not available.
Ignition temperature: Not available.
Additional Information:

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal storage and handling conditions.
Conditions to avoid: Incompatible materials.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, aluminium oxide.
Hazardous Reactions: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects: No information available.
Possible routes of exposure: Skin/eye contact, inhalation and ingestion.
Range of effects following exposure: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause eye irritation. May cause skin irritation. May cause respiratory tract irritation.
Dose likely to cause injury:
Delayed effects:
Relevant negative data:

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:
Persistence and degradability:
Mobility:

Additional Information:

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in accordance with Local and State regulations.
Special Precautions:

SECTION 14 - TRANSPORT INFORMATION

UN Number:
UN Proper Shipping Name:
Class and Subsidiary risk:
Packing Group:
Special Precautions for User:
Hazchem Code:

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: October 2008
