

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: Tartrazine, C.I. #19140.
Catalogue Number: C145, C1451, C1455.
Other Names: Acid Yellow 23, C.I. 19140.
Recommended Use: Stain.

Supplier Name: ProSciTech
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.
Hazardous and/or Dangerous Nature: NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
Risk Phrases:
Safety Phrases:

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE: **Chemical Identity:** Tartrazine, C.I. #19140.
Common Name(s): Acid Yellow 23, C.I. 19140.
CAS Number(s): 1934-21-0

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Tartrazine, C.I. #19140	1934-21-0	100

SECTION 4 - FIRST AID MEASURES

Swallowed: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
Skin: Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
Inhaled: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. IF breathing is difficult, give oxygen. Get medical aid.
First Aid Facilities: Eyebath/eyewash & Safety shower.
Medical Attention & Special Treatment:
 Treat symptomatically and supportively.
ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
 Use water spray, dry chemical, carbon dioxide, or chemical foam.
Hazards from Combustion Products:
 Dusts at sufficient concentrations can form explosive mixtures with air. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. (Nitrogen oxides, carbon monoxide, oxides of sulfur, carbon dioxide, sodium oxide)
Precautions for Fire Fighters:
 As in any fire, wear a self-contained breathing apparatus in pressure-demand. MSHA/NIOSH (approved or equivalent), and full protective gear.
Hazchem Code: 2W

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:
 Use proper personal protective equipment as indicated in Section 8.
Containment and clean up:
 Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions.

Provide ventilation.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

Wash thoroughly after handling. Use with adequate ventilation. Minimize 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 substances.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standard allocated.

Biological Limit Values: No biological limit allocated.

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment:

Eyes: Wear appropriate protective eyeglasses or chemical goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Red-orange powder.

Odour: None reported.

pH: Not available.

Vapour pressure (mm of Hg at 25°C): Not available.

Vapour density: Not available.

Boiling point/range (°C): Not available.

Freezing/melting point (°C): > 300 °C.

Solubility: Soluble.

Specific gravity or density: 1.93.

Flash Point: Not available.

Flammable (explosive) limits: Not available.

Ignition temperature: Not available.

Additional Information:

Decomposition Temperature: > 300 °C.

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Incompatible materials, dust generation, strong oxidants, temperatures above 151°C).

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, oxides of sulfur, carbon dioxide, sodium oxide.

Hazardous Reactions: Has not been reported.

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects: The toxicological properties of this material have not been fully investigated.

Ingestion:

The toxicological properties of this substance have not been fully investigated. May be harmful if swallowed.

Inhalation:

The toxicological properties of this substance have not been fully investigated. Inhalation of dust may cause respiratory tract irritation.

Skin Contact:

No information regarding skin irritation and other potential effects was found. May cause skin irritation. May cause allergic skin reaction.

Eye Contact:

This product contains an anionic dye. Similar dyes have not caused injury to the cornea or conjunctiva in

documented exposure cases with human or rabbit eyes. May cause eye irritation.

Human/Animal data: Not available.

Carcinogenicity: Not available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

Persistence and degradability: Not available.

Mobility: Not available.

Additional Information:

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Special Precautions:

SECTION 14 - TRANSPORT INFORMATION

UN Number: Not regulated.

UN Proper Shipping Name: Not regulated.

Class and Subsidiary risk: Not regulated.

Packing Group: Not regulated.

Special Precautions for User: Not available.

Hazchem Code: 2W

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: S5

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: August 10

Comments:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.