

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: Fast Green FCF.
Catalogue Number: C100, C1001, C1005.
Other Names: Food Green 3, Aizen Food Green No. 3, C.I. 42053, FD and C Green No. 3, Solid Green FCF, 1724 Green.
Recommended Use: Biological 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: R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R40 Limited evidence of a carcinogenic effect.
Safety Phrases: S25 Avoid contact with eyes.
S37/39 Wear suitable gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S28 After contact with skin, wash immediately with plenty of water.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE: **Chemical Identity:** Fast Green FCF.
Common Name(s): Food Green 3, Aizen Food Green No. 3, C.I. 42053, FD and C Green No. 3, Solid Green FCF, 1724 Green.
CAS Number(s): 2353-45-9

MIXTURE:

| Ingredients | Cas Number(s) | Proportion (%) |
|----------------|---------------|----------------|
| Fast Green FCF | 2353-45-9 | 100 |

SECTION 4 - FIRST AID MEASURES

Swallowed: Never give anything by mouth to an unconscious person. Get medical aid. Do not induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid.
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 extinguishing media most appropriate for the surrounding fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Hazards from Combustion Products:

Carbon monoxide, oxides of nitrogen, irritating and toxic fumes and gases, carbon dioxide, sulfur oxides (Sox), including sulfur oxide and sulfur dioxide.

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. During a fire, irritating and highly toxic gases may be generated by thermal

decomposition or combustion.

Hazchem Code: Not available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Not available.

Containment and clean up:

Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, use proper personal protective equipment as indicated in Section 8. Avoid generating dusty conditions. Provide ventilation.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. 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:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Wear appropriate protective clothing to prevent skin exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Solid, green in colour.

Odour: Odourless.

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): Decomposes at 290°C.

Solubility: Not available.

Specific gravity or density: Not available.

Flash Point: Not available.

Flammable (explosive) limits: Not available.

Ignition temperature: Not available.

Additional Information:

Not available.

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Incompatible materials, dust generation, excess heat.

Incompatible Materials: Oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, oxides of nitrogen, irritating and toxic fumes and gases, carbon dioxide, sulphur oxides (Sox), including sulphur oxide and sulphur dioxide.

Hazardous Reactions: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects:

Ingestion:

May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

Inhalation:

Dust is irritating to the respiratory tract. May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated

Skin Contact:

May cause skin irritation.

Eye Contact:

May cause eye irritation.

Human/Animal data: Oral, rat: LD50 = >2 gm/kg.

Carcinogenicity: Group 3 carcinogen - Unclassifiable as to carcinogenicity in humans.

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| SECTION 12 – ECOLOGICAL INFORMATION |
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Ecotoxicity: Not available.

Persistence and degradability: Not available.

Mobility: Not available.

Additional Information: Not available.

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| SECTION 13 - DISPOSAL CONSIDERATIONS |
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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:

Not available.

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| SECTION 14 - TRANSPORT INFORMATION |
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UN Number: Not available.

UN Proper Shipping Name: Not available.

Class and Subsidiary risk: Not available.

Packing Group: Not available.

Special Precautions for User: Not available.

Hazchem Code: Not available.

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| SECTION 15 - REGULATORY INFORMATION |
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Poison Schedule Number: None allocated.

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| SECTION 16 - OTHER INFORMATION |
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Date of preparation of MSDS: November 09

Comments:

Not available.

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.