FLINN SCIENTIFIC, INC.
Material Safety Data Sheet (MSDS)

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

FD&C Green 3 Food Dye

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261
CHEMTREC Emergency Phone Number: (800) 424-9300

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

FD&C Green 3 Food Dye
Synonym: Fast Green FCF
CAS#: 2353-45-9

SECTION 3 — HAZARDS IDENTIFICATION

Odorless.
Slightly hazardous by ingestion, inhalation, eye and skin contact. Irritating to skin and eyes.
The dye has been stored with other, nonfood grade chemicals and is not for consumption.

SECTION 4 — FIRST AID MEASURES

Call a physician, seek medical attention for further treatment, observation and support after first aid.
Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.
Eye: Immediately flush with fresh water for 15 minutes.
External: Wash continuously with fresh water for 15 minutes.
Internal: Do not induce vomiting. Call a physician or poison control at once.

SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable solid.
When heated to decomposition emits carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides
and some metallic oxides.
Fire Fighting Instructions: Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE
and SCBA with full facepiece operated in positive pressure mode.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area. Place spilled solid in sealed bag or appropriate waste disposal container. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE


SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Use exhaust ventilation to keep airborne concentrations low.

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SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Dark burgundy solid. Odorless.
Solution is dark green with a slight vinegar-like odor.
Solubility: Cold water and alcohol.
Formula: C₃₇H₃₄O₁₀N₂S₃Na₂
Formula Weight: 808.85

Melting Point: 290 °C (decomposes)

SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with oxidizing agents. Hygroscopic.
Shelf life: Indefinite

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Irritant
ORL-RAT LD₅₀: >2000 mg/kg
Chronic effects: May cause cancer based on animal testing data.
IHL-RAT LC₅₀: N.A.
May be mutagenic.
SKN-RBT LD₅₀: N.A.
Target organs: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please consult with state and local regulations.
Flinn Suggested Disposal Method #26a is one option.

SECTION 14 — TRANSPORT INFORMATION

Shipping Name: Not regulated
Hazard Class: N/A
UN Number: N/A
N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

TSCA-listed, EINECS-listed (219-091-5).

SECTION 16 — OTHER INFORMATION

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Consult your copy of the Flinn Chemical Catalog/Reference Manual for additional information about laboratory chemicals

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