

# FLINN SCIENTIFIC, INC.

## Safety Data Sheet (SDS)

SDS #: 1003.00

Revision Date: August 15, 2017

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Calcium Oxalate monohydrate

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word **WARNING**

Pictograms



### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Acute toxicity, oral (Category 4). Harmful if swallowed (H302).

Hazard class: Acute toxicity, dermal (Category 4). Harmful in contact with skin (H312).

### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Calcium oxalate monohydrate	5794-28-5	CaC <sub>2</sub> O <sub>4</sub> ·H <sub>2</sub> O	146.112	

### SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell (P312).

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists:** Get medical advice or attention (P337+P313).

**If on skin:** Wash with plenty of water (P302+P352). **If skin irritation occurs:** Get medical advice or attention (P332+P313).

**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

### SECTION 5 — FIRE FIGHTING MEASURES

When heated to decomposition, may emit toxic fumes of carbon monoxide, carbon dioxide, and calcium oxide.

**NFPA CODE**

H-2

**In case of fire:** Use a tri-class dry chemical fire extinguisher (P370+P378).

F-1

R-1

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid skin and eye exposure. Avoid dust formation. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Place spilled solid in sealed bag or appropriate waste disposal container. See Sections 8 and 13 for further information.

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**SECTION 7 — HANDLING AND STORAGE**

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Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, oxalates, halides, sulfates, sulfites, thiosulfates and phosphates.

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**SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

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Wear protective gloves (P280). Wash thoroughly after handling (P264). Do not eat, drink, or smoke when using this product (P270).

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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White, powder or lump

Melting point: 200 °C (decomposes)

Soluble: dilute acid, very slightly soluble in water

Specific gravity: 2.2

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**SECTION 10 — STABILITY AND REACTIVITY**

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Avoid contact with strong oxidizers and open flame. Emits carbon monoxide and carbon dioxide when heated to decomposition. Shelf life: Indefinite if stored properly. See Section 7 for further information.

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: harmful if swallowed or comes in contact with skin.

ORL-RAT LD<sub>50</sub>: N.A.

Chronic effects: N.A.

IHL-RAT LC<sub>50</sub>: N.A.

Target organs: N.A.

SKN-RBT LD<sub>50</sub>: N.A.

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

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**SECTION 12 — ECOLOGICAL INFORMATION**

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No Data Available

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply before proceeding.

Flinn Suggested Disposal Method #26a is one option.

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**SECTION 14 — TRANSPORT INFORMATION**

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DOT: Not a dangerous good.

N/A = Not applicable

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**SECTION 15 — REGULATORY INFORMATION**

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Not Listed

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**SECTION 16 — OTHER INFORMATION**

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

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