



SDS #: 232.7

Revision Date: January 20, 2015

## meta-Chloroperbenzoic Acid Safety Data Sheet (SDS)

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### meta-Chloroperbenzoic Acid

Signal Word  
**DANGER**

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

Chemtrec Emergency Phone Number: (800) 424-9608

Pictograms

### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Self-reactive substances and mixtures; and Organic peroxides (Types C, D, E, F). Heating may cause a fire (H242). Keep away from heat, sparks, open flames, and hot surfaces. No smoking (P210).



Hazard class: Oxidizing liquids; Oxidizing solids (Category 1). May cause fire or explosion; strong oxidizer (H271).



Hazard class: Skin corrosion or irritation (Category 2). Causes skin irritation (H315).



Hazard class: Sensitization, skin (Category 1). May cause an allergic skin reaction (H317). Avoid breathing dust or fumes (P261).

Hazard class: Serious eye damage/eye irritation (Category 2A). Causes serious eye irritation (H319).

Hazard class: Specific target organ toxicity, single exposure; respiratory tract irritation (Category 3). May cause respiratory irritation (H335).

### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
meta-Chloroperbenzoic acid	937-14-4	C <sub>7</sub> H <sub>5</sub> ClO <sub>3</sub>	172.566	<78%>
3-Chlorobenzoic acid	535-80-8	ClC <sub>6</sub> H <sub>4</sub> CO <sub>2</sub> H	156.57	>5%
Water	7732-18-5	H <sub>2</sub> O	18.01	>18%

### 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. Continue rinsing (P305+P351+P338).

**If eye irritation persists eyes:** Get medical advice or attention (P337+P313). **If on skin:** Wash with plenty of water (P302+P352).

**If skin irritation or rash occurs:** Get medical advice or attention (P333+P313).

Wash contaminated clothing before reuse (P363). **If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

### SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable, noncombustible solid.  
When heated to decomposition, may emit toxic fumes.  
In case of fire: Use tri-class dry chemical fire extinguisher (P370+P378).

**NFPA Code**  
None established

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## SECTION 6 — ACCIDENTAL RELEASE MEASURES

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Do not allow solid to become airborne. Wipe up dust with a damp paper towel to avoid generating dust. Place in a sealed bag or container and dispose. Wash spill site after material pickup is complete. 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: Organic #1. Store with acids, anhydrides and peracids.  
Recommended storage temp 2-8 °C. Do not heat over 40 °C . Keep container tightly closed (P233). Keep and store away from clothing and combustible materials (P220). Keep only in original container (P234). Keep cool (P235). Use only in a hood or in a well-ventilated area (P271). Take any precautions to avoid mixing with combustibles (P221).

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## SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

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Wear protective gloves, protective clothing, and eye protection (P280). Wash thoroughly after handling (P264). Use only in a hood or in a well-ventilated area (P271). Contaminated work clothing should not be allowed out of the workplace (P272).

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## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

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White, moist powder. Odorless. Melting point: 69-71 °C (decomposes)  
Insoluble in water.

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## SECTION 10 — STABILITY AND REACTIVITY

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Recommended storage temp 2-8 °C. Do not heat over 40 °C. Avoid heat, sunlight, ignition sources, and all organic, flammable and combustible materials. Reacts with strong oxidizing agents, strong bases, reducing agents, manganese/manganese oxides, acids and metals. Shelf life: Poor.

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## SECTION 11 — TOXICOLOGICAL INFORMATION

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Acute effects: Skin, respiratory, and serious eye irritation. May cause allergic skin reaction. Readily absorbed through the skin. Chronic effects: Sensitizer. Target organs: Eyes, skin, respiratory tract.

ORL-RAT LD <sub>50</sub> : N.A.
IHL-RAT LC <sub>50</sub> : N.A.
SKN-RBT LD <sub>50</sub> : N.A.

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## SECTION 12 — ECOLOGICAL INFORMATION

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Data not yet 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 #22b is one option.

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## SECTION 14 — TRANSPORT INFORMATION

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Shipping name: 3-Chlorobenzoic acid. Hazard class: 5.2. UN number: UN3106.

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

N/A = Not applicable

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

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