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### Section 1 — Chemical Product and Company Identification

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## Sodium Hypochlorite Solution

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

CHEMTREC Emergency Phone Number: (800) 424-9300

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### Section 2 — Composition, Information on Ingredients

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Sodium Hypochlorite (7681-52-9) 5-12.5%, and Water (7732-18-5) 87.5-95%

Synonym: bleach solution

CAS#: None Established

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### Section 3 — Hazards Identification

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Colorless, lightly cloudy liquid. Bleach odor.

Moderately toxic by ingestion and inhalation. Corrosive to body tissues. Avoid all body tissue contact.

Strong oxidizer.

#### FLINN AT-A-GLANCE

Health-2

Flammability-0

Reactivity-1

Exposure-2

Storage-0

0 is low hazard, 3 is high hazard

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### Section 4 — First Aid Measures

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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: Give large quantities of water. Call a physician or poison control at once.

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### Section 5 — Fire Fighting Measures

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Use a triclass, dry chemical fire extinguisher.

Strong oxidizer. Fire risk in contact with organic materials.

When heated to decomposition, emits toxic fumes of Na<sub>2</sub>O and Cl.

**Fire Fighting Instructions:** Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive mode.

#### NFPA CODE

None

Established

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### Section 6 — Accidental Release Measures

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Restrict unprotected personnel from area and ventilate area. Contain spill with sand or absorbent material; deposit in sealed bag or 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 #6. Store with bromates and chlorates.

Keep container tightly closed.

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### Section 8 — Exposure Controls, Personal Protection

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Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron.

# FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

## Material Safety Data Sheet (MSDS)

Sodium Hypochlorite Solution

MSDS #: 736.00

Revision Date: February 24, 2003

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### Section 9 — Physical and Chemical Properties

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Colorless, lightly cloudy liquid. Bleach odor.

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### Section 10 — Stability and Reactivity

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Avoid contact with excessive heat, reducers, strong mineral acids.  
Shelf life: Good.

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### Section 11 — Toxicological Information

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Acute effects: Corrosive	ORL-RAT LD50: N.A.
Chronic effects: N.A.	IHL-RAT LC50: N.A.
Target organs: N.A.	SKN-RBT LD50: 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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Data not yet available.

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### Section 13 — Disposal Considerations

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

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### Section 14 — Transport Information

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

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 Scientific Catalog/Reference Manual for additional information about laboratory chemicals. This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. Flinn Scientific Inc. assumes no legal responsibility for use or reliance upon this data.

## FLINN SCIENTIFIC INC.

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*Flinn MSDS Prevent Chemical Accidents*

flinn@flinnsci.com www.flinnsci.com  
P.O. Box 219 Batavia IL 60510  
(800) 452-1261 Fax (866) 452-1436