

Safety Data Sheet

24-HOUR EMERGENCY PHONE: CHEMTREC 1-800-424-9300 Account #: 24245

WC-632 CLEANER

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1. Product Identification

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). When listed below, the identity of proprietary ingredients may be made available as provided in this standard.

Contains no known carcinogenic materials

NFPA Hazard Ratings:

Health: 3 Flammability: 0 Reactivity: 1 Special: None

DOT Information:

Proper Shipping Name: Corrosive liquids, n.o.s., (contains Sodium Hydroxide and Sodium Hypochlorite)

Hazard Class/Packing Group: 8/II

I.D. Number: UN 1760

Hazardous Substance

Reporting Quantity: 100#

OSHA Hazardous Ingredients:

Chemical Name: Sodium Hydroxide Not More Than 20%

CAS Number: 1310-73-2

Synonyms/Common Names: Caustic soda

Chemical Formula: NaOH

Subject to the reporting requirements of SARA Title III, Section 313: No

Chemical Name: Sodium Hypochlorite Not More Than 5%

CAS Number: 7681-52-9

Synonyms/Common Names: Soda Bleach, Bleach

Chemical Formula: NaOCl

Subject to the reporting requirements of SARA Title III, Section 313: No

2. Physical Data

Boiling Point:	227°F
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Solubility in Water:	Complete
Specific Gravity:	1.24
Percent Volatile:	Not applicable
Evaporative Rate:	Not applicable
Appearance:	Straw yellow liquid
Odor:	Slight chlorine odor

All information contained in this material is believed to be accurate and is submitted in good faith to assist our prospective users. The information, however, is without guarantee, since conditions and methods of use of our products are beyond our control. Wayne Chemical Inc. makes no guarantee as to patent infringement from the use of the products specified herein. Further, Wayne Chemical Inc. will not assume any liability arising out of the use of the products specified herein.


The Automation Chemical Company

The Perfect Mix®
7114 Homestead Road • Fort Wayne, IN 46814
p (260)432-1120 • f (260)432-1473

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3. Fire and Explosion Hazard Data

Flash Point: None to boiling
Method Used: COC
Extinguishing Media: Material will not burn. Use media appropriate for surrounding fire.
Fire & Explosion Hazards: Can react with chemically reactive (amphoteric) metals to release hydrogen gas.
Fire-Fighting Equipment: Use equipment and personal protection appropriate for sodium hydroxide and sodium hypochlorite. Self-contained breathing apparatus and protective clothing should always be worn when fighting fires involving chemicals.

4. Reactivity Data

Stability: Generally stable, but slow reduction of hypochlorites will occur.
Conditions to Avoid: High temperatures, exposure to light and low pH
Incompatibility: Avoid contact with ammonia, acids, amines, ethers, cyanides, chlorinated isocyanurates and reducing agents.
(Specific Materials to Avoid)
Decomposition Products: Heating to decomposition may produce hydrogen chloride and chlorine. Contact with acid can release chlorine. The natural decomposition product is oxygen.
(Hazardous)
Hazardous Polymerization: None known

5. Environmental and Disposal Information

Action to Take for Spills: Wear protective clothing. For spills of five gallons or less, flush to sewer with copious amounts of water. Dike large spills and pump into marked plastic drums for disposal or reclamation. Flush to sewer with copious amounts of water. Notify authorities if spill can produce adverse off-site effects.
Dispose of in accordance with all local, state and Federal regulations.

6. Health Hazard Data

Eye: Will cause severe chemical burns
Skin Contact: Will cause severe chemical burns
Ingestion: Acute oral toxicity. Will cause severe chemical burns to the mouth, throat and digestive tract.
Inhalation: Can damage the upper respiratory tract
Systemic & Other Effects: None known

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7. First Aid

WARNING! CORROSIVE -- Harmful or fatal if swallowed

Treat as a caustic (lye) injury

Eyes: Immediately flush eyes with large amounts of cool running water. If present, remove contact lenses. Continue flushing for at least 15 minutes while holding eyelids apart to ensure flushing of entire eye surface. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

Skin: Immediately flush skin with large amounts of water for at least 15 minutes while removing contaminated clothing and footwear. Wash contaminated clothing before reuse. Discard footwear that cannot be decontaminated. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

Ingestion: If swallowed, immediately drink large amounts of water. Do NOT induce vomiting. **IMPORTANT** -- Readminister water if patient is vomiting. Do NOT give anything by mouth to an unconscious or convulsing person. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

Inhalation: Remove person to fresh air at once. If breathing has stopped, give mouth-to-mouth resuscitation. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

8. Handling Precautions

Exposure Guideline:

Sodium Hydroxide:

ACGIH -- TLV is 2.0 mg/m³ ceiling
OSHA -- PEL is 2.0 mg/m³ (TWA)

Ventilation:

Provide adequate ventilation consistent with the exposure guideline when applicable.

Respiratory Protection:

Use NIOSH-approved respirators in areas where exposure guideline limits are exceeded.

Skin Protection:

Rubber or plastic gloves

Eye Protection:

Chemical safety goggles and/or a full-face shield

Other Protective Equipment:

Eye wash and emergency safety shower should be in close proximity. Use rubberized coveralls and rubber shoes.

NOTE:

Since contact lenses can contribute to the severity of an eye injury, it is generally recognized that contact lenses should not be worn when working with chemicals.

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9. Additional Information

Precautions to Be Taken
in Handling and Storage:

Avoid contact with skin, eyes and clothing.
Wash thoroughly after handling. Store in a
cool, dry area.

Other Precautions:

Close container tightly after each use.

10. Definition of Abbreviations

ACGIH:

American Conference of Governmental
Industrial Hygienists

A.S.T.M.:

American Society for Testing and Materials

CAS:

Chemical Abstract Service

COC:

Cleveland Open Cup -- A.S.T.M. D-92

DOT:

Department of Transportation

NFPA:

National Fire Protection Association

NIOSH:

National Institute for Occupational Safety
and Health

OSHA:

Occupational Safety and Health Administration

PEL:

Permissible Exposure Limits -- Maximum
exposure permitted by OSHA.

SARA:

Superfund Amendments and Reauthorization
Act of 1986

TLV:

Threshold Limit Value -- TWA conditions
which, it is believed, workers can be repeatedly
exposed to day after day without adverse effects.
Published by ACGIH.

TWA:

Time Weighted Average -- The total exposure
in parts per million (ppm) averaged over an
eight-hour work period

UN:

Descriptions considered appropriate for
international shipments as well as domestic
shipments

Effective Date: 09/22/11

Form: I

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