

Material Safety Data Sheet

24-HOUR EMERGENCY PHONE: CHEMTREC 1-800-424-9300

WC-72 DETERGENT

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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: Sodium Hydroxide, Mixture, Solid
Hazard Class/Packing Group: 8 (Corrosive)/II
I.D. Number: UN 1823
Hazardous Substance Reporting Quantity: 1000#

OSHA Hazardous Ingredients:

Chemical Name: Sodium Hydroxide Not More Than 50%
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 Dichloro-s-triazinetrione
Not More Than 10%
CAS Number: 2893-78-9
Synonyms/Common Names: Sodium dichloroisocyanurate
Chemical Formula: $C_3N_3O_3Cl_2Na$
Subject to the reporting requirements of SARA Title III, Section 313: No

2. Physical Data

Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Solubility in Water:	Complete
Specific Gravity:	Not applicable
pH of 1% Solution:	12.73
Percent Volatile:	Not applicable
Evaporative Rate:	Not applicable
Appearance:	Yellow powder
Odor:	Light chlorine



Information contained in this material is believed to be accurate and is submitted in good faith to assist 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 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: Not applicable
Method Used: Not applicable
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 dichloro-s-triazinetrione. Self-contained breathing apparatus and protective clothing should always be worn when fighting fires involving chemicals.

4. Reactivity Data

Stability: Stable
Conditions to Avoid: None known
Incompatibility: Do not mix with acids, ammonia, organic halogens or oxidizing agents.
(Specific Materials to Avoid)
Decomposition Products: Heating to decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen
(Hazardous)
Hazardous Polymerization: None known

5. Environmental and Disposal Information

Action to Take for Spills: Wear protective clothing. Shovel DRY product into a DRY plastic container for disposal or reclamation. Flush residue 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 the 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)
Sodium Dichloro-s-triazinetrione:
STEL is 1.5 mg/m³ ceiling
TWA is 0.5 mg/m³

(Manufacturer established internal limits)
Provide adequate ventilation consistent with the exposure guideline when applicable.

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

Rubber or plastic gloves

Chemical safety goggles and/or a full-face shield
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:

Other Precautions:

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Store in a cool, dry area. Avoid contact with water. Add WC-72 CLEANER very slowly to cold water (50°-70° F maximum) as considerable heat is liberated during dissolution. Hazardous carbon monoxide gas can form upon contact with reducing sugars such as fructose, lactose, etc. Close container tightly after each use.

10. Definition of Abbreviations

ACGIH:

American Conference of Governmental Industrial Hygienists

CAS:

Chemical Abstract Service

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: 05/23/11

Form: A

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