

Safety Data Sheet

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

WC-256 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: 2 Flammability: 0 Reactivity: 1 Special: None

DOT Information:

Proper Shipping Name: Sulfamic Acid, Solution
Hazard Class/Packing Group: 8 (Corrosive)/III
I.D. Number: UN 2967
Hazardous Substance: Ethylene Glycol
Reporting Quantity: 5000#

OSHA Hazardous Ingredients:

Chemical Name: Sulfamic Acid 5% - 15%
CAS Number: 5329-14-6
Synonyms/Common Names: Aminosulfonic Acid
Chemical Formula: HSO_3NH_2
Subject to the reporting requirements of SARA Title III, Section 313: No

Chemical Name: Ethylene Glycol <1%
CAS Number: 107-21-1
Synonyms/Common Names: Monoethylene Glycol
Chemical Formula: $\text{C}_2\text{H}_6\text{O}_2$
Subject to the reporting requirements of SARA Title III, Section 313: Yes

Chemical Name: 2-Butoxyethanol <1%
CAS Number: 111-76-2
Synonyms/Common Names: Butyl Cellosolve™, glycol monobutyl ether
Chemical Formula: $\text{C}_6\text{H}_{14}\text{O}_2$
Subject to the reporting requirements of SARA Title III, Section 313: No

(Continued:)


The Automation Chemical Company

The Perfect Mix®

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

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.

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2. Physical Data

Boiling Point:	Above 212°F
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Solubility in Water:	Complete
Specific Gravity:	1.10
Percent Volatile:	Not applicable
Evaporative Rate:	Not applicable
Appearance:	Orange-red liquid
Odor:	Pungent odor

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:	Not considered a fire or explosion hazard.
Fire-Fighting Equipment:	Use equipment and personal protection appropriate for hydrochloric acid. Self-contained breathing apparatus and protective clothing should always be worn when fighting fires involving chemicals.

4. Reactivity Data

Stability:	Stable
Conditions to Avoid:	Incompatibilities
Incompatibility:	Strong oxidizers, nitric acid, chlorine.
(Specific Materials to Avoid)	Solution is a strong acid and may react violently with bases.
Decomposition Products:	Upon decomposition, this product may yield
(Hazardous)	oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide, oxides of sulfur and low
	low molecular weight hydrocarbons.
Hazardous Polymerization:	None known

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5. Environmental and Disposal Information

Action to Take for Spills:

Prevent further leakage or spillage is safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer waterways. Absorb spill with inert material. Shovel material into appropriate container for disposal. Neutralize residue with sodium carbonate.

Disposal Methods:

Dispose of in accordance with all local, state and Federal regulations.

6. Health Hazard Data

Eye:

Can cause blurred vision, redness, pain, and severe tissue burns and eye damage.

Skin Contact:

Corrosive. Symptoms of redness, pain, and severe burn can occur.

Ingestion:

Corrosive. Swallowing can cause severe burns of the mouth, throat, and stomach. Can cause sore throat, vomiting, diarrhea.

Inhalation:

Inhalation of vapors or mists of the product can be destructive to the tissues of the mucous membranes and upper respiratory tract. Symptoms may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting.

Systemic & Other Effects:

None known.


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7. First Aid

WARNING! CORROSIVE -- Harmful or fatal if swallowed

Treat as a Sulfamic Acid 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:

Ethylene glycol:

ACGIH TLV = 10mg/m³, Ceiling1 Aerosol

2-Butoxyethanol: ACGIH TLV = 20 ppm
TWA, OSH PEL = 50 ppm (240 mg/m³) TWA
(SKIN)

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. Use acid-
resistant materials. Store away from heat
and separate from strong alkalis, chlorinated
cleaners and hypochlorites.
Close container tightly after each use.

Other Precautions:

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
SARA:	Superfund Amendments and Reauthorization Act of 1986
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: B

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