

Material Safety Data Sheet: WT-95

Supersedes Date 08/08/2005

Issuing Date 08/01/2008

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name WT-95
Recommended Use Water treatment chemical
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 162170
IRVING, TEXAS 75016

Product Code 456C
Chemical Nature Aqueous solution of alkali salts
Emergency Telephone Number
CHEMTREC® 800-424-9300

2. HAZARD IDENTIFICATION

Emergency Overview

Warning
Severe skin irritation
May cause allergic skin reaction
Severe eye irritation
May cause respiratory tract irritation
Harmful if swallowed

Color Colorless - Light yellow

Physical State Liquid

Odor Sweet

Potential Health Effects

Principle Route of Exposure

Primary Routes of Entry

Acute Effects

Eyes

Skin

Inhalation

Ingestion

Chronic Effects

Target Organ Effects

Aggravated Medical Conditions

Potential Environmental Effects

Skin contact, Eye contact.

Skin Absorption.

Severe eye irritant.

Severe skin irritant. May cause allergic skin reaction.

May cause irritation of respiratory tract.

Irritating to mucous membranes.

Skin sensitization.

Bone Marrow.

Skin disorders.

See Section 12 for additional Ecological Information

Component

CAS-No

Acrylic copolymer, sulfonated, sodium salt

4236281-40-5

General Advice

Eye Contact

Skin Contact

Inhalation

Ingestion

Notes to Physician

Do not get in eyes, on skin, or on clothing. Avoid breathing vapors, mist or gas.

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.

Remove/Take off immediately all contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Drink 1 or 2 glasses of water. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

Treat symptomatically.

Flash Point Not combustible

Method Not applicable

Autoignition Temperature No information available

Flammability Limits in Air Hydrogen

Upper 75

Lower 4

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). Foam. Alcohol-resistant foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific Hazards Arising from the Chemical

Contact with metals liberates hydrogen gas. Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA Health 2

Flammability 1

Instability 0

HMS Health 2

Flammability 1

Instability 0

3. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

Environmental Precautions

Do not flush into surface water or sanitary sewer system.

Methods for Containment

Contain spillage, soak up with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13)

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**Methods for Cleaning Up** Pick up and transfer to properly labelled containers.  
**Neutralizing Agent** Neutralize with hydrochloric acid

**7. HANDLING AND STORAGE**

**Handling** Do not get in eyes, on skin, or on clothing.  
**Storage** Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not freeze.  
**Storage Temperature** Minimum 45°F / 7°C Maximum 110°F / 43°C  
**Storage Conditions** Indoor X Outdoor Heated Refrigerated

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Acrylic copolymer, sulfonated, sodium salt	No data available	no data available	no data available

**Engineering Measures** Ensure adequate ventilation.  
**Personal Protective Equipment**  
**Eye/Face Protection** Tightly fitting safety goggles.  
**Skin Protection** Impervious gloves. Impervious clothing.  
**Respiratory Protection** Use NIOSH approved respiratory protection.  
**General Hygiene Considerations** Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use. Wear protective gloves/clothing.

<b>Physical State</b>	Liquid	<b>Viscosity</b>	Non viscous
<b>Color</b>	Colorless - Light yellow	<b>Odor</b>	Sweet
<b>Appearance</b>	Transparent	<b>pH</b>	12.4
<b>Specific Gravity</b>	1.03	<b>Bulk Density</b>	8.59
<b>Evaporation Rate</b>	0.58 (Butyl acetate=1)	<b>Percent Volatile (Volume)</b>	98.1
<b>VOC Content (%)</b>	0	<b>Vapor Pressure</b>	17.0 mmHg @ 70 °F
<b>Vapor Density</b>	0.6	<b>Solubility</b>	Completely soluble
<b>Boiling Point/Range</b>	213°F / 101°C		

**Chemical Stability** Stable. Hazardous polymerization does not occur.  
**Conditions to Avoid** Heat, flames, and sparks.  
**Incompatible Products** Strong oxidizing agents.  
**Hazardous Decomposition Products** Carbon oxides. Sulfur oxides.  
**Possibility of Hazardous Reactions** None under normal processing

**Product Information** No information available

**Component Information**

**Acute toxicity**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Drizzle Test	Other
Acrylic copolymer, sulfonated, sodium salt	no data available	no data available	no data available	no data available	no data available

**Chronic Toxicity**

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Acrylic copolymer, sulfonated, sodium salt	no data available	no data available	no data available	no data available	no data available

**Carcinogenicity** There are no known carcinogenic chemicals in this product

Component	ACGIH	IARC	NTP	OSHA	Other
Acrylic copolymer, sulfonated, sodium salt	not applicable	not applicable	not applicable	not applicable	not applicable

**Product Information** No information available

**Component Information**

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Acrylic copolymer, sulfonated, sodium salt	no data available	no data available	no data available	no data available	N/A

**Persistence and Degradability** No information available  
**Bioaccumulation** No information available  
**Mobility** No information available

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**13. DISPOSAL CONSIDERATIONS**

**Product Disposal** Dispose of as hazardous waste in compliance with local and national regulations  
**Container Disposal** Empty containers should be taken for local recycling, recovery or waste disposal

**14. TRANSPORT INFORMATION**

**DOT** Not regulated  
**TDG** Not regulated  
**ICAO** Not regulated  
**IATA** Not regulated  
**IMDG/IMO** Not regulated

**Inventories**

**TSCA** Complies  
**DSL** Complies

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

**CERCLA**

Component	Hazardous Substances RQs	CERCLA EHS RQs
Acrylic copolymer, sulfonated, sodium salt	Not applicable	Not applicable

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

D2B Toxic materials .



**Prepared By** Mike McDowell  
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**Reason for Revision** No information available  
**Glossary** No information available  
**List of References** No information available

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