

WTC-115

SDS Number: 0115

Revision Date: 3/24/2021

Page 1 of 6

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Alliance Group Inc. 262-251-4977
N114 W18621 Clinton Drive
Germantown, WI 53022

Phone: 800-255-3924**Emergency:** CHEMTEL

Product Identifier: WTC-115
SDS Number: 0115
Revision Date: 3/24/2021
Product Use: Water Treatment Compound

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Health, Serious Eye Damage/Eye Irritation, 1
Health, Skin corrosion/irritation, 3
Health, Specific target organ toxicity - Single exposure, 3
Health, Acute toxicity, 4 Inhalation
Health, Acute toxicity, 4 Oral

GHS Label Elements, Including Precautionary Statements**GHS Signal Word:** DANGER**GHS Hazard Pictograms:****GHS Hazard Statements:**

H318 - Causes serious eye damage
H316 - Causes mild skin irritation
H335 - May cause respiratory irritation
H332 - Harmful if inhaled
H302 - Harmful if swallowed

GHS Precautionary Statements:

P264 - Wash hands and exposed skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call Poison Center or doctor/physician if you feel unwell
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call Poison Center or doctor/physician.
P406 - Store in a corrosive resistant container such as polyethylene, polypropylene or containers with a resistant inner liner.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes; Ingestion; Inhalation; Skin;
Target Organs: No data available
Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact: May cause mild to moderate irritation.



WTC-115

SDS Number: 0115

Revision Date: 3/24/2021

Page 2 of 6

Eye Contact: May cause mild to severe irritation. May cause permanent eye damage.
Ingestion: May be harmful if swallowed. Irritating to mouth, throat and stomach.

HMIS III: Health = 2, Fire = 0, Physical Hazard = 0

HMIS	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

3

COMPOSITION/INFORMATION OF INGREDIENTS

Substance/Mixture: Mixture

CAS#	Chemical %	Chemical Ingredients: Chemical Name:
506-89-8	25-50%	Urea, monohydrochloride
107-21-1	<20%	1,2-Ethanedio1
67-56-1	<10%	Methanol

4

FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention if irritation persists
Ingestion: Do not induce vomiting. Rinse mouth with water. Get prompt, qualified medical attention.

5

FIRE FIGHTING MEASURES

Flammability: Not flammable or combustible.
Flash Point: No Data Available
Flash Point Method: No Data Available
Burning Rate: No Data Available
Autoignition Temp: No Data Available
LEL: No Data Available
UEL: No Data Available

Fire Fighting Methods

Evacuate area of unprotected personal. Wear protective clothing including NIOSH Approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire exposed containers and disperse vapors.

Extinguishing Media

Suitable: Use carbon dioxide, dry chemical. Do not use water.



WTC-115

SDS Number: 0115

Revision Date: 3/24/2021

Page 3 of 6

Unsuitable fire extinguisher: WATER

Unusual Fire or Explosion Hazards: No data available

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let products enter drains. Discharge into the environment must be avoided. Flush remaining area with water to remove trace residue.

Spill

Soak up with liquid binding material (sand, diatomite, acid binders, saw dust) and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Do not flush with water or aqueous cleansing agents.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Avoid breathing vapor or mist. Do not reuse empty containers. Avoid electrostatic charges.

Storage Requirements: Store in cool/dry area. Keep containers tightly closed when not in use. Keep away from heat, sparks, and flames. Do not store in unlabeled containers.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide local exhaust ventilation. Maintain adequate ventilation. Do not used in closed or confined spaces.

Personal Protective Equipment: Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Wash contaminated clothing before reusing.

Respiratory

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Eyes and Face

Wear chemical safety goggles while handling this product. Wear additional eye protection such as a face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material.

Skin

Prevent contact with this product. Wear gloves and protective clothing depending on conditions of use. Protective gloves: gauntlet-type, neoprene, nitrile. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

Component	OSHA PEL	ACGIH TWA/ TLV
1,2-Ethanediol	50 ppm	100 mg/m ³
Methanol	260 mg/m ³	200 ppm - TWA
Urea Monohydrochloride	No data available	

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown

Physical State: Liquid

Odor: Mild odor.



WTC-115

SDS Number: 0115

Revision Date: 3/24/2021

Page 4 of 6

Odor Threshold:	No data available.	Molecular Formula:	No data available
Particle Size:	No data available	Solubility:	Complete
Spec Grav./Density:	1.10	Softening Point:	No data available
Viscosity:	No data available.	Percent Volatile:	None
Saturated Vapor Concentration:	No data available	Heat Value:	No data available
Boiling Point:	No data available	Freezing/Melting Pt.:	No data available
Flammability:	Not flammable	Flash Point:	No data available.
Partition Coefficient:	No data available	Octanol:	No data available
Vapor Pressure:	No data available	Vapor Density:	No data available
pH:	<1	VOC:	No data available
Evap. Rate:	No data available	Bulk Density:	No data available
Molecular weight:	No data available	Auto-Ignition Temp:	No data available.
Decomp Temp:	No data available	UFL/LFL:	No data available

Lower Explosion Limits: No data available.

Upper Explosion Limits: No data available.

10**STABILITY AND REACTIVITY**

Reactivity:	No data available
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	No data available
Materials to Avoid:	Strong oxidizing agents. This product may be extremely hazardous in contact with chlorates and nitrates. Contact with hypochlorites will liberate toxic gases. Contact with alkaline material will generate heat.
Hazardous Decomposition:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous Polymerization:	Will not occur.

11**TOXICOLOGICAL INFORMATION****Toxicity Data:**

Eye Effects: Causes serious eye irritation. May cause: blurred vision, redness, pain and tearing.

Skin Effects: Causes irritation. Prolonged and repeated exposure to dilute solutions may cause irritation, redness, pain and drying and cracking of the skin.

» Dermal LD50 - No data available

Inhalation Effects: May be harmful if inhaled. Effects may be delayed. Headaches, dizziness, nausea, and cyanosis may result from over-exposure to vapor.

» Inhalation LC50 - No data available

Ingestion Effects: May cause discomfort, nausea, vomiting, diarrhea if swallowed.

» Oral LD50 - Urea Monohydrochloride: Rat - 1120 mg/kg

» Oral LD50 Methanol: Rat 13000 mg/kg

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, or OSHA.

Mutagenicity: No data available

Teratogenicity: No data available

Fertility Effects: No data available

WTC-115

SDS Number: 0115

Revision Date: 3/24/2021

Page 5 of 6

12 ECOLOGICAL INFORMATION

Biodegradability No data available.

Ecotoxicity Toxicity to fish:
LC50- Ceriodaphnia dubia = 7 mg/L- 48 hr (Urea Monohydrochloride)

Toxicity to aquatic invertebrates: No data available

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

Bioaccumulative potential: No data available

Persistence and degradability: No data available

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers may contain residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways drains, and sewers.

14 TRANSPORT INFORMATION

Not regulated as a hazardous product. DOT classification not required.

15 REGULATORY INFORMATION



WARNING

This product can expose you to chemicals including Ethylene glycol (ingested), and Methanol, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

FEDERAL REGULATIONS

TSCA Inventory Status: All components of this product are listed "Active" on the Toxic Substances Control Act (TSCA) 8 (b) Inventory.

CERCLA / SARA Emergency Reporting A spill or release of this material may trigger the emergency release reporting requirements under CERCLA (40 CFR Part 300) and/or SARA Title III (40 CFR Part 355). State or local reporting requirements may differ from federal requirements.

» **No components require reporting**

Clean Water Act (CWA): The following chemicals are listed under Section 311 as hazardous substances requiring the submission of a National Pollutant Discharge Elimination System (NPDES) permit application to EPA. » **No components listed**

RCRA: The requirements of the federal hazardous waste regulations do not apply unless the waste fails to pass



WTC-115

SDS Number: 0115

Revision Date: 3/24/2021

Page 6 of 6

any of EPA's four tests for determining hazardous wastes.

» **No components listed**

STATE REGULATIONS

California- Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer and/or reproductive harm

16

OTHER INFORMATION

Prepared By: P May

Reason For Revision: Updated GHS & Regulatory Information

Disclaimer:

This information is given in good faith and based on our current knowledge of the product. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

Please be informed that Alliance Group Inc (AGI) and its manufacturing partners manufacture AGI products to pass all internal specifications. AGI does not guarantee results. Customers or resellers are expected and must use AGI products in a safe and effective manner and employ well-trained personnel to use and handle the products. AGI and its manufacturing partners assume no responsibilities, written or implied, for any damages resulting from the use of AGI products. The buyer, by purchasing/accepting AGI products, agrees to indemnify AGI and its manufacturing partners.

Revision Date: 3/24/2021