

# Voltreet 95

SDS Number: 0095

Revision Date: 4/21/2020

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## 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: Voltreet 95  
SDS Number: 0095  
Revision Date: 4/21/2020  
Chemical Family: Alkanolamines  
Product Use: Water Treatment Compound

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## HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 2  
Health, Serious Eye Damage/Eye Irritation, 1  
Environmental, Hazards to the aquatic environment - Chronic, 3

### GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



#### GHS Hazard Statements:

H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H412 - Harmful to aquatic life with long lasting effects

#### GHS Precautionary Statements:

P264 - Wash skin thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/ eye protection/ face protection.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or doctor/ physician.  
P332 + P313 - If skin irritation occurs: Get medical advice/ attention.  
P362 - Take off contaminated clothing and wash before reuse.  
P501 - Dispose of contents/ container to an approved waste disposal plant.

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

Route of Entry: Eyes; Inhalation; Ingestion; Skin.

Target Organs: Eyes; Skin; Respiratory system;

Inhalation: Can cause irritation and inflammation of the respiratory tract. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Skin Contact: CORROSIVE. May cause skin irritation. Toxic if absorbed through skin.



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**Eye Contact:** May cause irritation. May cause permanent eye damage.**Ingestion:** Aspiration hazard: Harmful if swallowed.**HMIS III:** Health = 2(Chronic), Fire = 1, Physical Hazard = 0

HMIS	
HEALTH <input checked="" type="checkbox"/>	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION <input type="checkbox"/>	

## 3 COMPOSITION/INFORMATION OF INGREDIENTS

\*Substance/Mixture: Mixture

Chemical Ingredients:		
CAS#	%	Chemical Name:
124-68-5	<15%	1-Propanol, 2-amino-2-methyl-

## 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air. Give oxygen or artificial respiration if needed. Consult a physician

**Skin Contact:** Promptly flush skin with water until all chemical is removed for at least 15 minutes. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists.

**Eye Contact:** Immediately flush eyes with large amounts of water for at least 30 minutes, lifting eyelids occasionally to facilitate irrigation. Get prompt medical consultation, preferably from an ophthalmologist.

**Ingestion:** Seek medical attention immediately. Drink 1 cup of water. Do not induce vomiting. Never give anything by mouth to an unconscious victim.

Notes to physician: Chemical eye burns may require extended irrigation. Obtain prompt consultation, preferably from an ophthalmologist. If burn is present, treat as any thermal burn, after decontamination. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. No specific anecdote.

## 5 FIRE FIGHTING MEASURES

**Flammability:** No data available

**Flash Point Method:** No data available.

**Burning Rate:** No test data available.

**Autoignition Temp:** No test 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.

**Unusual Fire or Explosion Hazards:**

Vapors are heavier than air and can settle in low or confined areas. Vapors concentrated in a confined or poorly ventilated



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area can be ignited upon contact with a high energy spark, flame, or high intensity source of heat. This material may produce a floating fire hazard in extreme fire conditions.

### Extinguishing Media

**Suitable:** Water fog or fine spray. Alcohol resistant foams are preferred. Carbon dioxide. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable fire extinguisher:** None known.

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### ACCIDENTAL RELEASE MEASURES

#### Personal Precautions

Evacuate area. Use personal protective equipment. Only trained and properly protected personnel must be involved in clean-up operations.

#### Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let products enter drains or sewer. Discharge into the environment must be avoided.

#### Spill

Contain spilled material if possible. Soak up with inert (non-combustible) absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

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### HANDLING AND STORAGE

#### Handling Precautions:

Avoid contact with eyes, skin, or clothing. Do not swallow. Avoid breathing vapors or mist. Wash thoroughly after handling. Do not puncture or drop containers. Do not expose containers to open flame, excessive heat, or direct sunlight. Smoking, eating and drinking is prohibited in work area.

#### Storage Requirements:

Store in cool/dry area. Keep away from heat, sparks, and flames. Keep container tightly closed. Do not store in unlabeled or mislabeled containers. Do not store near food, foodstuffs, drugs or potable water supplies. Store in original containers. Do not store in: aluminum, brass, copper, zinc or galvanized containers.

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### EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Engineering Controls:

Provide local exhaust ventilation. Maintain adequate ventilation.

#### 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.

##### Respiratory

For most conditions, no personal respiratory equipment should be needed. Respiratory protection should be worn where there is a potential to exceed the exposure limit requirements or guidelines.

##### 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.

#### Component

OSHA PEL

ACGIH TWA/ TLV

\*\* Contains no substances with occupational exposure limit values



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**9****PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear, Water white	<b>Odor:</b>	Amine-like
<b>Physical State:</b>	Liquid	<b>Molecular Formula:</b>	No data available.
<b>Odor Threshold:</b>	No data available.	<b>Solubility:</b>	Complete.
<b>Particle Size:</b>	No data available.	<b>Softening Point:</b>	No data available.
<b>Spec Grav./Density:</b>	0.942 @ 25°C	<b>Percent Volatile:</b>	No data available.
<b>Viscosity:</b>	No data available.	<b>Heat Value:</b>	No data available.
<b>Saturated Vapor Concentration:</b>	No data available.	<b>Freezing/Melting Pt.:</b>	No data available
<b>Boiling Point:</b>	No data available	<b>Flash Point:</b>	No data available.
<b>Flammability:</b>	No data available.	<b>Octanol:</b>	No data available.
<b>Partition Coefficient:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>Vapor Pressure:</b>	No data available	<b>VOC:</b>	No data available.
<b>pH:</b>	11	<b>Bulk Density:</b>	No data available.
<b>Evap. Rate:</b>	No data available.	<b>Auto-Ignition Temp:</b>	No data available.
<b>Molecular weight:</b>	No data available.	<b>UFL/LFL:</b>	No data available.
<b>Decomp Temp:</b>	No data available.		

Lower Explosion Limits: 1.8- 6.7  
Upper Explosion Limits: 10.8-11.7

**10****STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical Stability:</b>	Product is stable under normal conditions of use.
<b>Conditions to Avoid:</b>	Avoid exposure to elevated temperatures. Product absorbs carbon dioxide from the air.
<b>Materials to Avoid:</b>	Strong Oxidizing Agents. Strong acids. Product slowly corrodes copper, aluminum, brass, zinc, and galvanized surfaces.
<b>Hazardous Decomposition:</b>	Decomposition products depend on temperature, air supply, and the presence of other materials.
<b>Hazardous Polymerization:</b>	Will not occur under normal conditions.

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

**Eye Effects:** Vapors may cause eye irritation, excess redness, swelling, discomfort, tearing, pain. May cause serious eye damage/eye irritation if left untreated. Chemical burns may occur.

**Skin Effects:** May cause skin irritation. Brief contact may cause severe skin irritation with pain and local redness. Prolonged contact may cause severe skin burns. Symptoms may include pain, redness, swelling and tissue damage.

» 2-amino-2-methyl-1-propanol Dermal LD50 - Rabbit >2000 mg/kg

**Inhalation Effects:** At room temperature, exposure to vapor is minimal due to low volatility. Vapor from heated material may cause irritation

» 2-amino-2-methyl-1-propanol Inhalation LC50 - has not been determined

**Ingestion Effects:** May be harmful if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury; burns of the mouth, throat and GI tract.

» 2-amino-2-methyl-1-propanol - Oral LD50 - Rat = 2900 mg/kg



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**Respiratory or Skin Sensitization**

Does not cause skin sensitization. No relative information found for respiratory sensitization

**Chronic Effects:** No data available.

**Teratogenicity:** No data available.

**Fertility Effects:** No data available.

**Carcinogenicity:**

IARC: 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: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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**ECOLOGICAL INFORMATION****Ecotoxicity**

Toxicity to fish:

Material is practically non-toxic to aquatic organisms on an acute basis. May increase pH of aquatic systems to pH > 10 which may be toxic to aquatic organisms

LC50- *Lepomis macrochirus* (Bluegill sunfish) - 190 mg/L- 96 hr

Toxicity to aquatic invertebrates:

LC50- (*Crangon* shrimp) - 179 mg/L- 96 hr

Toxicity to daphnia and other aquatic invertebrates

*Daphnia magna* (Water flea) - 193 mg/l - 48 hr

**Persistence and degradability:**

Biodegradability: Readily biodegradable. Biodegradation: 89.3% - Exposure time 28 d

Chemical Oxygen Demand: 2.410 mg/mg

**Bioaccumulative potential:**

Bioaccumulation - Species = Fish

\*Bioconcentration factor (BCF): <1

**Other adverse Effects:**

Results of PBT and vPvB assessment PBT/vPvB assessment

This substance is readily biodegradable and thus is not considered persistent or very persistent. This substance is not classified as mutagenic, carcinogenic, or reproductive toxicant to mammalian species, and the values are much higher than the threshold for toxicity to aquatic species; thus not considered toxic.

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**DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state, and federal regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied. DO NOT pressurize, cut, weld, solder, drill, grind, or expose empty containers to heat, flame, sparks or



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other sources of ignition.

Hazardous Waste Number: None.

## 14 TRANSPORT INFORMATION

Not regulated as hazardous product.

## 15 REGULATORY INFORMATION

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

### 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 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

**Massachusetts- RTK Substances:** The following components are listed: 2-amino-2-methyl-1-propanol (CAS# 124-68-5)

**New Jersey - RTK Substances:** The following components are listed: 2-amino-2-methyl-1-propanol (CAS# 124-68-5)

**Pennsylvania - RTK Substances:** The following components are listed: 2-amino-2-methyl-1-propanol (CAS# 124-68-5)

## 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



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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.

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