

**MATERIAL SAFETY DATA SHEET**  
emergency telephone (262) 251-4977

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**Section 1 - Chemical Product and Company Identification**

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Name: **Alliance Group, Inc.** Address: N114 W18621 Clinton Drive  
City: Germantown State: Wisconsin Zip Code: 53022  
Product name: **WTC-115**  
Product code: 0115

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**Section 2 - Composition/Information on Ingredients**

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CAS Number	Chemical Component	%
	Proprietary Acid Salt	<50%
115-19-5	3-Methyl-1-Butyn-3-OL	<5%
67-56-1	Methanol	<1%

Item	ACGIH		Exposure limits OSHA		Company	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-Ceiling	TLV-TWA	Skin
02	N.A.	N.A.	N.A.	N.A.	N.A.	
03	N.A.	N.A.	N.A.	N.A.	N.A.	

(See section 16 for abbreviations legend), \*-Ceiling Value

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**Section 3 - Hazards Identification**

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Emergency Overview: This product is a clear, dark brown liquid with a mild odor. It is corrosive to the eyes and a mild skin irritant.

Eyes: Corrosive. Will cause eye burns.

Skin: Irritation. Prolonged or repeated contact can cause irritation.

Ingestion: May be harmful or fatal if ingested.

Inhalation: Excessive inhalation of vapors may progressively cause mild intoxication, lethargy, analgesia, narcosis, and nausea. Product can be irritating to the respiratory tract if inhaled as a mist or if the material is vaporized.

Principal Routes of entry: Skin Contact, Inhalation, Ingestion, Eye Contact.

Chronic Effects of Overexposure: Prolonged or repeated exposure can cause drying, defatting, and dermatitis.

Carcinogenicity Status: Not listed or regulated by IARC, NTP, or OSHA.

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**Section 4 - First Aid Measures**

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**First Aid Procedure-Never give fluids or induce vomiting if patient is unconscious or having convulsions.**

**CALL A PHYSICIAN**

Eyes: Immediately flush with large amounts of cool water for 15 minutes, holding lids apart. Get medical attention immediately. Washing within one minute is essential to achieve maximum effectiveness.  
Skin: Wash with soap and water for at least 15 minutes. Remove contaminated clothing and wash before reuse. Get medical attention if irritation occurs or persists.

Ingestion: If swallowed, DO NOT induce vomiting. Give victim a glass of water. **Call a physician or poison control center immediately.** Never give anything by mouth to an unconscious person.

Inhalation: Rescuers should put on appropriate protective gear. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, or cyanosis (blue discoloration of the skin or lips) is noted, qualified personnel may administer oxygen. Get immediate medical attention.

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### Section 5 - Fire Fighting Measures

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Flash Point: 129 F (ASTM D56)  
Flammable Limits lfl: N/A ufl: N/A  
Autoignition temperature: Not Determined  
Extinguishing Media: CO2, water fog, dry chemical  
Unusual Fire and Explosion Hazards: Acid reacts with most metals at temperatures >140 F to release Hydrogen gas which can form explosive mixtures with air. Sudden reaction and fire may result when the product is mixed with oxidizing agents.

Special Fire Hazards and Equipment Required: Fire fighters should use (MSHA/NIOSH Approved or equivalent) self-contained breathing apparatus, and full protective gear as in any fire. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Cool containers with water spray.

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### Section 6- Accidental Release Measures

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Steps to be taken in case of spills: Evacuate area of unprotected personnel. Wear appropriate respiratory protection and protective gear(see Sec. VIII). Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Follow all government regulations.

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### Section 7 - Handling and Storage

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Precautions to be taken in handling and Storage: Store in a secure, dry, clean area. Keep container tightly closed when not in use. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Avoid excessive heat. Keep away from heat, sparks, and flame. Store under a controlled environment. Do not store at temperatures over 120 F.

Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.

Empty containers retain residue (liquid and/or vapor) and can be dangerous (combustible). DO NOT pressurize, cut, heat, or weld container.

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## Section 8 - Exposure Control/Personal Protection

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### Protective Equipment

Eyes: Chemical goggles and face shield. Do not wear contact lenses.

Gloves: Impervious gloves. Rubber, nitrile. Consult your glove manufacture for compatibilities. Gloves of other chemically resistant materials may not provide adequate protection.

Other: Rubber Apron, Gauntlets, Eye wash, Safety shower. Where splashing is possible, fully chemically resistant protective clothing (e.g. acid suit) and boots are required.

Ventilation Requirements: Good general ventilation should be sufficient to control airborne levels. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/Label precautions even after the container is emptied because they may contain product residues. Avoid prolonged and repeated contact with the skin, eyes, and clothing.

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## Section 9-Physical and Chemical Properties

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Solid:	Liquid: X	Appearance:	Clear light brown
Specific Gravity:	1.1	Odor:	Mild odor
Solubility in water:	Soluble	Freezing Point:	N.D.
Viscosity:	N.D.	pH:	<1
Vapor Density:	N.D.	Boiling Range:	100 C
Odor Threshold:	N.D.	Vapor Pressure:	N.D.
Coefficient of Water/Oil Distribution:	N.D.		
Evaporation Rate:	N.D.		

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## Section 10- Stability and Reactivity

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Product Stable: No Yes X under normal conditions up to 110C/230 F  
Hazardous Polymerization: Will not occur under normal conditions

Conditions to avoid: Heating above 110 C results in an exothermic decomposition with rapid release of carbon dioxide gas.  
Incompatibility: Strong oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. Contact with hypochlorites (eg chlorine bleach, sulfides, or cyanides will liberate toxic gasses. Contact with alkaline material (eg aqua ammonia) will generate heat.

Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be liberated upon contact with certain metals.

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## Section 11 - Toxicological Properties

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No product or component toxicological information is available.

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**Section 12 - Ecological Information**

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Ecological Information: No information.

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**Section 13 - Disposal Information**

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Disposal Method: Follow all federal, state and local regulations.

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**Section 14 - Transportation Information**

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DOT Proper Shipping Name: Not Regulated

DOT Technical Name:

DOT Hazard Class:

DOT UN/NA Number:                      Packing Group:                      Resp. Guide Page

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**Section 15 - Regulatory Information**

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U.S. Federal Regulations: As follows

OSHA: Hazardous by definition of Hazardous Communication Standard (29 CFR 1910.1200)

CERCLA - SARA Hazard Category:

This product has been reviewed according to the EPA Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard      Chronic Health Hazard

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

Chemical Name	CAS #	wt/wt% Is less than
None		

Toxic Substances Control Act

The chemical substances in this product are on the TSCA Section 8 Inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

Chemical Name	CAS #
No information is available	

No information is available

International Regulations: As follows

Canadian WHMIS: This MSDS has been prepared in compliance with the Controlled Product Regulations except for the use of the 16 headings.

Canadian WHMIS Class: No information on product

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**Section 16 - Other Information**

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HMIS RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	1

Legend: N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined

The above information is believed to be accurate and discloses the known hazards for this product as of this date. No additional warranties are made. Date: July 25, 2001 By: D.C Miller