

MATERIAL SAFETY DATA SHEET

Emergency Telephone: (262) 251-4977

Section 1 - Company Name and Product Information

Name: **Alliance Group, Inc.**
City: Germantown

Address: N114 W18621 Clinton Drive
State: Wisconsin Zip Code: 53022

Product name: **CWT-145**
Product code: 0145

Date Revised: 6/23/05

Section 2 – Composition / Hazardous Ingredients

Component	CAS Number	OSHA Hazard	% by Wt.
Sodium Polyphosphates*	68915-31-1	NO	< 5 %
1-Hydroxyethylidene-1, 1-diphosphonic Acid	2809-21-4	YES	< 5 %
Polymer/Solids	151006-66-5	YES	< 5 %
Benzotriazole, Sodium Salt	15217-42-2	YES	< 5 %

Note: * Alternate CAS # 10124-56-8 (Sodium Hexametaphosphate).

Section 3 – Hazards Identification

EMERGENCY OVERVIEW: DANGER! Corrosive to eyes. Causes skin and respiratory irritation. Avoid breathing vapor and mist. Do not swallow.

Physical State: Liquid
Color: Clear. Light yellow.
Odor: Mild odor.

POTENTIAL HEALTH EFFECTS

Routes Of Exposure: Eyes. Skin. Inhalation. Ingestion.

Target Organs: No data.

Eye Contact: CORROSIVE-Causes severe irritation and burns. May cause: permanent eye damage.

Skin Contact: Causes: irritation. Contact may cause: blistering burns. Prolonged contact may cause: tissue destruction. A latent period may exist between exposure to skin and more severe symptoms.

Skin Absorption: No data available.

Inhalation: Overexposure to aerosol, vapor or mists may cause: dizziness. headache. nausea. flu-like symptoms. May cause damage to the: respiratory tract. Effects may range from mild irritation of mucous membranes to severe pneumonitis and destruction of lung tissues.

Ingestion: May cause burns to the: mouth. throat. esophagus. stomach. May cause: severe pain. nausea. vomiting. diarrhea. decreased blood pressure. decreased heart rate. collapse. coma.

Medical Conditions Aggravated By Exposure To Product: Skin disorders. Respiratory system disorders. **Other:** None known.

Cancer Information: This product does not contain greater than 0.1% of the known or potential carcinogens listed in NTP, IARC, or OSHA.

Potential Environmental Effects: See Section 12.

Section 4 – First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion.

MATERIAL SAFETY DATA SHEET
Emergency Telephone: (262) 251-4977

Skin Contact: Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY.

Ingestion: If fully conscious, drink a quart of water. DO NOT induce vomiting. CALL A PHYSICIAN IMMEDIATELY. If unconscious or in convulsions, take immediately to a hospital or a physician. NEVER induce vomiting or give anything by mouth to an unconscious victim. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Section 5 – Fire and Explosive Data

Flash Point N.A.

Lower Explosion Limit: N.A.

Upper Explosion Limit: N.A.

Autoignition Temperature: No Data

Extinguishing Media: For fires in area use appropriate media. For example: Alcohol foam. Carbon dioxide. Dry chemical. Water fog.

Fire Fighting Methods: Evacuate area of unprotected personnel. 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.

Fire And Explosion Hazards: None known.

Hazardous Combustion Products: Irritating and/or toxic gases.

Section 6 - Accidental Release Measures

Spill Clean-Up Procedures: CORROSIVE MATERIAL. Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in Section 8. Never exceed any occupational exposure limit. Contain spill, place into drums for proper disposal. Soak up residue with inert absorbent material. Place in non-leaking containers for immediate disposal. Flush remaining area with water to remove trace residue and dispose of properly. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs. CAUTION: Spilled material may be slippery.

Section 7 - Handling And Storage

Handling: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Avoid breathing vapors, mists, or dust. Do not eat, drink, or smoke in work area. Wash thoroughly after handling.

Storage: Store in a cool, dry place. Keep away from incompatible materials. Keep containers tightly closed. Do not store in unlabeled or mislabeled containers. Do not freeze. CORROSIVE MATERIAL.

Section 8 - Exposure Control / Protective Equipment

Exposure Guidelines:

Component	OSHA PEL	OSHA STEL/C	ACGIH TWA	ACGIH STEL/C
Sodium Polyphosphates	Not Estab.	Not Estab.	Not Estab.	Not Estab.
1-Hydroxyethylidene-1, 1-diphosphonic Acid	Not Estab.	Not Estab.	Not Estab.	Not Estab.
Polymer/Solids	Not Estab.	Not Estab.	Not Estab.	Not Estab.
Benzotriazole, Sodium Salt	Not Estab.	Not Estab.	Not Estab.	Not Estab.

MATERIAL SAFETY DATA SHEET
Emergency Telephone: (262) 251-4977

Engineering Controls: General room ventilation is required. Use local exhaust to control vapors/mists. Maintain adequate ventilation. Do not use in closed or confined spaces. Avoid creating dust or mist.

Eye/Face Protection: 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 Protection: Prevent contact with this product. Wear gloves and protective clothing depending on condition of use. Protective gloves: Impervious.

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. If vapors or mists are present, wear: NIOSH-Approved respirator. NIOSH/MSHA-Approved organic vapor/mist respirator. NIOSH-Approved self-contained breathing apparatus. DO NOT exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator's use.

Other Protective Equipment: Eye-wash station. Safety shower. Rubber apron. Protective clothing.

General Hygiene Conditions: Wash with soap and water before meal times and at the end of each work shift.

Section 9 - Physical And Chemical Properties

Physical State: Liquid	Color: Clear. Light yellow.
Odor: Mild odor.	Boiling Point (deg. F): N.D.
Freezing Point (deg. F): N.D.	Melting Point (deg. F): N.D.
Solubility in Water: Soluble	pH: 2.8 (as is)
Specific Gravity: 1.06 @ 25C	% Volatile (wt%): N.D.
Evaporation Rate (nBuAc = 1): N.D.	

Section 10 - Stability And Reactivity

Stability: Stable under normal conditions.

Conditions To Avoid: None known.

Incompatible Materials: Strong oxidizing agents. Strong bases. Strong acids.

Hazardous Decomposition Products: Phosphorous oxides. Carbon oxides. Acids of phosphorous. Sodium oxides. Hydrocarbons. Acrylate monomers. Irritating vapors. Nitrogen oxides. Hydrogen cyanide possible in reducing atmospheres.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur under normal conditions.

Section 11 - Toxicological Information

LD50 Oral: No Data	LD50 Skin: No Data	LC50 Inhalation: No Data
---------------------------	---------------------------	---------------------------------

Section 12 - Ecological Information

Ecotoxicological Information: No data available.

Chemical Fate Information: No data available.

Section 13 - Disposal Considerations

Hazardous Waste Number: N.A.

Disposal Method: Dispose of in accordance with all local, state and federal regulations. DO NOT pressurize, cut, weld, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition.

MATERIAL SAFETY DATA SHEET

Emergency Telephone: (262) 251-4977

Section 14 - Transportation Information

DOT (Department of Transportation):

Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
(Contains 1-Hydroxyethylidene-1, 1-Diphosphonic Acid)
Hazard Class: 8
Identification Number: UN3265
Packing Group: III
Label Required: CORROSIVE
Reportable Quantity (RQ): 5000# (Sodium phosphate, tribasic)

Section 15: Regulatory Information

U.S. FEDERAL REGULATIONS

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

SARA Title III Section 311/312 Category:

Immediate (Acute) Health Hazard: Y

Delayed (Chronic) Health Hazard: N

Fire Hazard: N

Sudden Release Of Pressure Hazard: N

Reactive Hazard: N

SARA Section 302/304/313/HAP:

Component	CERCLA RQ	SARA RQ	SARA TPQ	SARA 313	U.S.
Sodium Polyphosphates	5000*	N.A.	N.A.	NO	NO
1-Hydroxyethylidene-1, 1-diphosphonic acid	N.A.	N.A.	N.A.	NO	NO
Polymer/Solids	N.A.	N.A.	N.A.	NO	NO
Benzotriazole, Sodium Salt	N.A.	N.A.	N.A.	NO	NO

Note: * Alternate CAS # 10124-56-8 (Sodium Hexametaphosphate). * Reportable as sodium phosphate, tribasic.

U.S. STATE REGULATIONS

California - The following components are listed under Proposition 65:

This product may contain a detectable level of (a) chemical(s) subject to California's Proposition 65.

Wisconsin: The following components are listed as a Wisconsin HAP: none

Section 16 - Additional Information

HMIS Rating System

Health: 3
Flammability: 0
Reactivity: 0 **Special Hazard:** None

MSDS Abbreviations

N.A. = Not Applicable **N.D. = Not Determined**
HAP = Hazardous Air Pollutant **C = Ceiling Limit**
N.E./Not Estab. = Not Established

DATE: June 23, 2005

MSDS Prepared by: DCM

The data in this Material Safety Data Sheet relates to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as warranty or representation for which Alliance Group Inc. assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.