

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

Section I - Chemical Product and Company Identification

Name: **Alliance Group, Inc.** Address: N114 W18621 Clinton Drive
City: Germantown State: Wisconsin Zip Code: 53022
Product name: **Start Up**
Product code: 7605

Section II - Composition/Information on Ingredients

CAS Number	Chemical Component	%	TLV ppm	Hazard Data
7632-00-0	Sodium Nitrite	<20	Not Established	
1310-73-2	Sodium hydroxide	<20	2mg/m ³ STEL	

EXPOSURE LIMITS

Item	ACGIH		OSHA		Company TLV-TWA	Skin
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-Ceiling		
01	N.E.	N.E.	N.E.	N.E.	N.E.	NO
02	N.E.	2mg/m ³ *	N.E.	N.E.	N.E.	YES

*-Ceiling Value

Section III - Hazards Identification

Emergency Overview: May be fatal if swallowed. Harmful if inhaled. Causes severe skin and eye burns.

Eyes: Corrosive. Will cause eye burns, and permanent tissue damage.

Skin: Corrosive. Causes permanent skin damage (scarring).

Ingestion: This material may be harmful or fatal if swallowed.

Inhalation: Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure.

Primary Routes of Exposure: Skin contact, Inhalation, Ingestion, eye contact

Carcinogenic Ingredients: OSHA: No NTP: No IARC: No

Section IV - First Aid Measures

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

CALL A PHYSICIAN

Eyes: Flush with large amounts of cool water for 15 minutes. Get medical attention immediately.

Skin: Wash off with water for 15 minutes. Remove contaminated clothing. Then wash with soap and water. Wash contaminated clothing before reuse. Get medical attention immediately.

Ingestion: 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: Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult give Oxygen. Obtain immediate medical attention.

Section V - Fire Fighting Measures

Flash Point: 212 F **Flammable Limits** lfl: N/A ufl: N/A

Autoignition temperature: Not Determined

Extinguishing Media: CO2, foam, water fog, dry chemical

Unusual Fire and Explosion Hazards: In water solution caustic can react with amphoteric metals (such as aluminum) generating Hydrogen which is flammable and/or explosive if ignited. Will not burn, but decomposition will release oxygen which will increase the explosive limits and burning rate of flammable vapors.

Special Fire Hazards and Equipment Required: Fire fighters should use 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.

Section VI- Accidental Release Measures msds 7605

Steps to be taken in case of spills: Wear protective gear(see Sec. VIII). Contain on absorbent medium (dry sand or earth). Collect spill and store in labeled, approved drums for disposal. Avoid runoff into storm sewers and ditches which lead to waterways. Follow all government regulations. Dilute acid, preferably acetic acid, may be used to neutralize only the final traces of caustic after flushing.

Section VII - Handling and Storage

Precautions to be taken in handing and Storage: Store in a secure, dry, clean area. Keep container tightly closed when not in use. Do not store near feed or food, or near extreme heat. Wash thoroughly after handling. Avoid excessive heat. Avoid storing next to strong acids.

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

Section VIII - Exposure Control/Personal Protection

Protective Equipment:

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

Gloves: Impervious gloves. Rubber or Neoprene. Consult your glove manufacture for compatibility's.

Other: Rubber Apron, Gauntlets, Eye wash, Safety shower

Ventilation Requirements: Good local 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.

Section IX-Physical and Chemical Properties

Solid:	Liquid: X	Appearance:	Clear, colorless
Specific Gravity:	1.1412	Odor:	N.D.
Solubility in water:	Complete	Freezing Point:	ND
% Volatiles:	0	pH:	13.4
Vapor Density:	Heavier than air	Boiling Range:	320-320 F
Evaporation Rate:	Slower than butyl acetate		
Odor Threshold:	N.D.	Vapor Pressure:	N.D.
Coefficient of Water/Oil Distribution:	N.D.		

Section X- Stability and Reactivity

Product Stable: No Yes X under normal conditions

Hazardous Polymerization: Will not occur under normal conditions

Conditions to avoid: Heat sparks and open flame

Incompatibility: May reacts violently with water, acid and a number of organic compounds. Caustic reacts rapidly with aluminum, tin, zinc, bronze and brass.. Strong reducing agents. Organic material. Product is a strong caustic alkali. Acids.

Hazardous Decomposition Products: CO, CO2, Nitrogen oxides

Section XI - Toxicological Properties

No product or component toxicological information is available.

Section XII - Ecological Information

Ecological Information: No information

Section XIII - Disposal Information

Disposal Method: Follow all federal, state and local regulations. Incinerate in an approved facility.

Section XIIIIII - Transportation Information

DOT Proper Shipping Name: Corrosive Liquid,Basic,Inorganic, NOS

DOT Technical Name: Sodium Hydroxide, Sodium Nitrite
DOT Hazard Class: Class 8
DOT UN/NA Number: UN3266 Packing Group: II Resp. Guide Page 60

Section XV - Regulatory Information

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:

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
Sodium Nitrite	7632-00-0	20.0%

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 #
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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

Section XVI - Other Information

HMIS RATING

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

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: October 1, 2001 By: D.C Miller