

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: **Oxytrol LD**
Product code: **0193**

Section II - Composition/Information on Ingredients

CAS Number	Chemical Component	%	TLV	Hazard Data
7681-57-4	Sodium Bisulfite	<15	5mg/m3 TLV-TWA	5 mg/m ³ PEL-TWA
10124-43-3	Cobalt Sulfate	<.1	.1 mg/m ³	

Exposure Limits

Item	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-Ceiling	TLV-TWA	SKIN
01	5mg/m3	N.E.	5mg/m3	N.E.	N.E.	NO

Section III - Hazards Identification

Emergency Overview: Harmful if inhaled. Harmful if swallowed. Causes eye burns. Causes skin irritation.

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

Skin: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis..

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

Inhalation: Prolonged inhalation may be harmful.

Principal Routes of Exposure: Skin contact, inhalation, ingestion, eye contact

Effects of Overexposure-Chronic Hazards: No additional effects from repeated overexposure is available currently.

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: Immediately flush with cool water for 15 minutes holding eyelids open during flushing.. See a physician immediately.

Skin: Promptly wash with soap and water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation persists, get medical attention..

Ingestion: If conscious, immediately give several glasses of water or milk. INDUCE VOMITING by touching finger to back of throat. Keep head below hips to prevent aspiration of liquid into lungs. Call a physician immediately.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician immediately.

Section V - Fire Fighting Measures

Flash Point: N/A Flammable Limits lfl: N/A ufl: N/A
Autoignition temperature: Not Determined
Extinguishing Media: CO2, alcohol foam, water fog, dry chemical
Unusual Fire and Explosion Hazards: Toxic fumes may be given off when material is exposed to fire.

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 msds0193

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. Flush area of spill with water. Waste disposal methods: Contact local environmental authorities.

Section VII - Handling and Storage

Precautions to be taken in handing and Storage: Store in a secure, cool 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.

Section VIII - Exposure Control/Personal Protection

Protective Equipment:
Eyes: Chemical goggles and face shield. Do not wear contact lenses.
Gloves: Impervious gloves, Latex Rubber.
Other: Rubber Apron, Gauntlets, Eye wash, Safety shower
Ventilation Requirements: Local ventilation exhaust should be sufficient.

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. Avoid breathing vapor heated material. Avoid contact with eyes, skin, and clothing.

Section IX-Physical and Chemical Properties

Solid:	Liquid: X	Appearance:	Dark Brown
Specific Gravity:	1.02	Odor:	None
Solubility in water:	Complete	Freezing Point:	N.D.
% Volatiles:	0	pH:	4.5
Vapor Density:	Heavier than air	Boiling Range:	212 - 212 F
Evaporation Rate:	Slower than butyl acetate		
Odor Threshold:	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: Strong oxidizers
Hazardous Decomposition Products: May liberate carbon monoxide or carbon dioxide. Oxides of sulfur.

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 XIII - Transportation Information

DOT Proper Shipping Name: Bisulfites, Aqueous Solution, NOS

DOT Technical Name:

DOT Hazard Class: Class 8

DOT UN/NA Number: UN2693

Packing Group: III Resp. Guide Page 154

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
No SARA 313 components exist in this product.			

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		NFPA Rating	
HEALTH	1	Health	1
FLAMMABILITY	0	Flammability	0
REACTIVITY	0	Reactivity	0
		Special	0

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

Complies with CFR Title 21 Section 173.310 for boiler water and steam which may contact dairy products.

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: May 14, 2001 By: D.C Miller