

Oxytrol LD

SDS Number: 0193

Revision Date: 1/22/2020

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1 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: Oxytrol LD
Common Name: Sodium Bisulfite
SDS Number: 0193
Revision Date: 1/22/2020
Product Use: Water Treatment Compound

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

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

Health, Serious Eye Damage/Eye Irritation, 1
Health, Acute toxicity, 4 Oral
Environmental, Hazards to the aquatic environment - Acute, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H318 - Causes serious eye damage
H302 - Harmful if swallowed
H402 - Harmful to aquatic life

GHS Precautionary Statements:

P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P332+313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P404 - Store in a closed container.
P501 - Dispose of contents/container in accordance with local, regional, and international regulations.

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

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

Target Organs: No data available.

Inhalation: Minimal respiratory tract irritation may occur with prolonged exposure to material.

Skin Contact: May cause irritation. Repeated contact can result in drying skin irritation and dermatitis.



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Eye Contact: May cause severe irritation and burns. May cause permanent eye damage, corneal damage. Effects may vary depending on length of exposure

Ingestion: Aspiration hazard: Harmful or fatal if swallowed.

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

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COMPOSITION/INFORMATION OF INGREDIENTS

*Substance/Mixture: Mixture

CAS#	Chemical Ingredients: %	Chemical Name:
7757-83-7	<20%	Sodium bisulfite
8061-51-6	<10%	Sodium Lignosulfate

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FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Promptly flush skin with soap and water for 15 minutes. Remove contaminated clothing immediately. Get immediate medical attention. Do not reuse clothing and shoes until cleaned. Do not apply oils and ointments unless ordered by a physician.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.

Ingestion: Do NOT induce vomiting. If conscious, immediately give several glasses of milk or water. Seek immediate medical attention. For spontaneous vomiting, keep head below hips to prevent aspiration of liquid into lungs.

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FIRE FIGHTING MEASURES

Flammability: Not flammable or combustible.

Flash Point: No data available.

Flash Point Method: No data available.

Burning Rate: No data available.

Autoignition Temp: No 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.

Extinguishing Media



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Suitable: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable fire extinguisher: No data available.

Unusual Fire or Explosion Hazards: Toxic fumes may be given off when material is exposed to fire.

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ACCIDENTAL RELEASE MEASURES

Personal Precautions

CORROSIVE MATERIAL. Use personal protective equipment. Never exceed any occupational exposure limits. Ensure adequate ventilation.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let products enter drains.

Spill

Contain spill with absorbent material, place into drums for disposal. Flush remaining area with water to remove trace residue.

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HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Avoid prolonged or repeated contact with skin.

Storage Requirements: CORROSIVE MATERIAL. Store in cool/dry area. Keep away from incompatible materials. Keep container tightly closed. Do not store in unlabeled or mislabeled containers. Do not freeze.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide local exhaust ventilation. Maintain adequate ventilation. Do not use in closed or confined spaces.

Personal Protective Equipment:

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at end of the day.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face multi-purpose combination respirator (US) or type ABE (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection: Wear chemical safety goggles while handling this product. Wear additional eye protection such as face shield when the possibility exists for eye contact with splashing or spraying liquid.

Component	OSHA PEL	ACGIH TWA/ TLV
Sodium Bisulfite	No data available	5 mg/m ³ TWA
Sodium Lignosulfate	No data available	No data available

Sulfur Dioxide gas may be released.

**Exposure Limit for Sulfur Dioxide are: 5ppm - TWA (OSHA); 2ppm TWA; 5ppm-STEL (ACGIH)

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear. Dark Brown

Physical State: Liquid.

Odor: Sharp, pungent odor.

Odor Threshold: No data available.



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Molecular Formula:	No data available.
Particle Size:	No data available.
Solubility:	Appreciable.
Spec Grav./Density:	1.02 @ 25 C
Softening Point:	No data available.
Viscosity:	No data available.
Percent Volatile:	No data available.
Saturated Vapor Concentration:	No data available.
Heat Value:	No Data Available
Boiling Point:	No data available.
Freezing/Melting Pt.:	32° F
Flammability:	No data available.
Flash Point:	No data available.
Partition Coefficient:	No data available.
Vapor Pressure:	No data available.
Vapor Density:	No data available.
pH:	4.5
Evap. Rate:	No data available.
Bulk Density:	No data available.
Auto-Ignition Temp:	No data available.
Decomp Temp:	No data available.
UFL/LFL:	No data available

Lower Explosion Limits: No data available.

Upper Explosion Limits: No data available.

10**STABILITY AND REACTIVITY**

Reactivity:	No data available.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Heat, sparks, open flame.
Materials to Avoid:	Strong oxidizers.
Hazardous Decomposition:	Sulfur dioxide gas. Sulfur oxides. May liberate carbon monoxide.
Hazardous Polymerization:	Will not occur under normal conditions.

11**TOXICOLOGICAL INFORMATION****Toxicity Data:****Eye Effects:** Will cause eye burns and permanent tissue damage.

- » Sodium Bisulfite -Eyes - no data available
- » Sodium Lignosulfate - Eyes - no data available

Skin Effects: Prolonged or repeated contact may cause mild skin irritation and drying of skin which may result in dermatitis

- » Sodium Bisulfite -Dermal LD50 - no data available
Skin corrosion/irritation: no data available
- » Sodium Lignosulfate - Dermal LD50 - no data available
Skin corrosion/irritation: no data available

Inhalation Effects: May be irritating to the respiratory tract. Prolonged inhalation may be harmful

- » Sodium Bisulfite - Inhalation LC50 - no data available

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» Sodium Lignosulfate - Inhalation LC50 - no data available

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

» Sodium Bisulfite - Oral LD50 - no data available

» Sodium Lignosulfate - Oral LD50 - Rat = 6030 mg/kg

Mutagenicity: No data available.**Teratogenicity:** No data available.**Fertility Effects:** No data available.**Carcinogenicity:****IARC:** 3 - Group 3: not classifiable as to its carcinogenicity to humans (sodium bisulfite)**12****ECOLOGICAL INFORMATION****Biodegradability** No data available.**Ecotoxicity** Toxicity to fish:LC50 - *Oncorhynchus mykiss* (Rainbow Trout) - 7300mg/L- 48hr (Sodium Lignosulfate)

Toxicity to aquatic invertebrates: No data available

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

13**DISPOSAL CONSIDERATIONS****Waste Disposal:**

This material, if discarded as produced, is not a RCRA "listed" hazardous waste. However, it should be fully characterized for toxicity and possible reactivity prior to disposal (40 CFR 261). Use which results in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

Container contents should be completely used and containers should be emptied prior to discard. Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

14**TRANSPORT INFORMATION**

UN2693, Bisulfites, aqueous solutions, n.o.s., 8, PGIII, (Sodium Bisulfite)

**15****REGULATORY INFORMATION**



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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 as "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 component requires reporting**

SARA Title III Section 313: This product is known to contain the following chemicals which are listed in 40 CFR 372.65 as toxic chemicals required notification. This information must be included in all SDS's that are copied and distributed for this product.

» **Cobalt Sulfate (313 Category Code N096 - Cobalt Compounds)**

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**

STATE REGULATIONS

California- The following components are listed under Proposition 65: Warning! This product contains a chemical known to the State of California to cause cancer: Cobalt Sulfate (CAS# 10124-43-3)

Massachusetts - RTK Substances: The following components are listed: Sodium Bisulfite (CAS#7681-57-4)

New Jersey - RTK Substances: The following components are listed: Sodium Bisulfite (CAS#7681-57-4), Sodium Lignosulfate (CAS# 8061-51-6),

Pennsylvania - RTK Substances: The following components are listed: Sodium Bisulfite (CAS#7681-57-4) , Sodium Lignosulfate (CAS# 8061-51-6),

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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.

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