

**Safety Data Sheet
CORPRO-75**

1. PRODUCT IDENTIFICATION AND COMPANY

Trade Name: CORPRO-75
Synonyms: --
Formula: --
Manufacturer: Astro-Chem Lab, Inc.
4102 2nd Ave W
Williston, ND 58801
Phone: 701-572-7355
24 Hour Phone Number: 800-568-6614

Article no(s):
CAS-no: Mixture
EC-no:

2. HAZARD IDENTIFICATION



Emergency Overview:

DANGER

FLAMMALBE LIQUID. May irritate the skin. May cause irritation and/or burns to the eyes. Harmful if swallowed or inhaled. May cause severe and possibly fatal allergic reactions if inhaled or swallowed by some asthmatics and other 'sulfite-sensitive' individuals. Reacts with acids to form toxic and irritating sulfur dioxide gas.

OSHA Regulatory Status:

This product is considered hazardous under the OSHA Hazard Communication Standard.

Potential Health Effects:

Eyes:

May irritate or burn eyes.

Skin:

May cause skin irritation. Prolonged contact may cause burns.

Inhalation:

Inhalation of product mist or evolved sulfur dioxide (SO₂) or ammonia (NH₃) may irritate nose, throat and lungs.

Ingestion:

May irritate mouth, esophagus, stomach, etc. In some sensitive individuals, allergic asthmatic reactions have occurred.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredient	Percent	CAS Number	TLV-TWA
Ammonium Bisulfite Solution	7-10	7446-09-5	200 PPM
Methanol	15-25	67-56-1	200 PPM

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4. FIRST AID MEASURES

Medical Conditions Aggravated:	None known.
Ingestion:	N/A
Inhalation:	N/A
Eye Contact:	Flush with water for at least 15 minutes. Irritation may occur. If irritation persists, contact a physician.
Skin (Dermal):	Remove contaminated clothing and wash contaminated skin with soap and water. If irritation persists, contact a physician.
Signs and Symptoms:	Sulfur Dioxide is present in enough quantity to cause irritation to nose, throat and eyes.
Listed Carcinogens:	None listed.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	None
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	None known.

6. ACCIDENTAL RELEASE MEASURES

Spill:	Eliminate all ignition sources, stop spill if you can do so without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Do not get water inside containers.
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7. HANDLING AND STORAGE

Normal Handling:	(See section 8 for recommended personal protective equipment). Avoid contact with skin, eyes and clothing. Avoid exposure to gases released by the solution.
Storage Recommendations:	Store in closed containers and in a cool, well-ventilated area away from acids and oxidizing agents.

8. EXPOSURE CONTROL/PERSONAL PROTECTION
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Engineering Controls:	Sufficient to eliminate mists, and reduce concentration of sulfur dioxide and ammonia to below current permissible levels. Packaging and unloading areas and open processing equipment
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should be equipped with mechanical exhaust systems.

Personal Protective Equipment:

Eye/face Protection

Use safety glasses with side shields. Keep chemical out of eyes. Use goggles, if condition warrants (windy, etc.)

Skin Protection:

Avoid contact with the skin. Use layers of clothing to prevent skin contact. Wear protective gloves and suitable protective clothing (long sleeved shirts and long pants). Coveralls and face shields may be preferred if condition warrants (windy, etc.)

Respiratory Protection:

Where required, use a NIOSH-approved respirator for SO₂ or NH₃ gases or mists, as applicable. Some exposures may require a NIOSH-approved, self-contained breathing apparatus or supplied-air respirator.

Additional

Recommendations:

Eyewash and safety shower are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light tan liquid, ammonia odor
Boiling Point:	N/A
Vapor Pressure:	NA
Vapor Density:	N/A
Density @ 60°F:	8.97 pounds/gallon
Specific Gravity:	1.075
Solubility in Water:	Soluble
pH:	N/A
Flash Point:	75°F, TCC

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Hazardous Polymerization:	Will not occur under normal conditions.
Incompatibility:	None
Hazardous Decomposition Products:	Bisulfite solutions will react with acids to release large amounts of sulfur dioxides.
Conditions to Avoid:	None known.

11. TOXICOLOGICAL INFORMATION

Delayed Effects:	Ammonium Bisulfite is a sensitizer; it can cause dermatitis and can precipitate asthma attacks,
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angioedema, anaphylaxis, and other allergic reactions in sensitized persons.

Components	Species	Test Results
Ammonium Bisulfite Solution (7446-09-5)		
Acute		
<i>Oral</i>		
LD50	Rat	2840 mg/kg
Methanol		
Acute		
<i>Dermal</i>		
LD50	Rabbit	15,800 mg/Kg
<i>Oral</i>		
LD50	Mouse	7,300 mg/Kg
LD50	Rabbit	14,200 mg/Kg
LD50	Rat	5,628 mg/Kg
<i>Inhalation</i>		
LD50	Rat	64,000 mg/Kg
Carcinogenicity:	CAS # 67-56-1: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.	
Teratogenicity:	No	
Reproductive Effects:	Reported to cause birth defects in rats exposed to 20,000 ppm	
Mutagenicity:	Insufficient data	

12. ECOLOGICAL INFORMATION

Ammonia component is harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Responsibility for proper waste disposal rests with the generator of the waste. Dispose of any waste material in accordance with applicable regulations.
RCRA Status:	Under RCRA, it is the responsibility of the user to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste.

14. TRANSPORT INFORMATION

Proper Shipping Name:	UN 1993, Flammable Liquid, n.o.s., (Contains Methanol and Ammonium Bisulfite Solution), 3, PG III, ERG 128
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15. REGULATORY INFORMATION

SARA Section 313:	None listed
HMIS Health:	2
HMIS Flammability:	3
HMIS Reactivity:	1
HMIS Personal Protection:	C

16. OTHER INFORMATION

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