

# Material Safety Data Sheet

## ***Ammonium Bisulfite***

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### I. PRODUCT AND COMPANY IDENTIFICATION

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Product Name:	Ammonium Bisulfite	Date Revised: 7/2010
Chemical Family:	Ammonium Hydrogen Sulfite Solution	CAS#: 10192-30-0
Chemical Name:	Ammonium Bisulfite Solution	
Chemical Family:	Bisulfite	
DOT Shipping Information:	Bisulfites, Aqueous Solution, 8, UN 2693, PG III RQ = 5000 lbs	

### Supplier:

**NOV FluidControl**  
4310 N. Sam Houston Parkway E  
Houston, TX 77032  
Office: (713) 482-0500  
Fax: (713) 482-0695  
Company website: [www.nov.com](http://www.nov.com)

### Emergency Telephone Number:

CHEMTREC: 1-800-424-9300 or International +1-703-527-3887

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### II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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#### TLV's (ACGIH)

Hazardous Components	TWAPP M%	TWA MG/M <sup>3</sup>	STEL PPM	STEL MG/M <sup>3</sup>	CAS#	OTHER LIMITS
1. Ammonium Bisulfite					10192-30-0	
2.						
3.						

The specific identity of some ingredients may be withheld for confidential business purposes. However, all known potential health effects from exposure to these ingredients are being addressed.

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### III. HAZARDOUS HAZARD DATA

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#### CARCINOGENIC LISTING:

NTP: No ingredients listed in this section.

IARC MONOGRAPHS: No ingredients listed in this section.

OSHA 29 CFR 1910: No ingredients listed in this section.

#### ENTRY ROUTES & EFFECTS OF OVEREXPOSURE:

**Contact:** Can cause irritation and burns to skin and eyes.

**Ingestion:** Can cause irritation and burns to the gastrointestinal tract.

#### STATEMENT OF PRACTICAL TREATMENT:

**Contact:** Flush exposed area thoroughly with water. For eyes, flush with cool water for at least 15 minutes and obtain prompt medical attention.

**Ingestion:** If conscious, give several glasses of water or milk and call a physician immediately. **Do not induce vomiting.**

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**IV. FIRE & EXPLOSION HAZARD DATA**

<b>FLASH POINT:</b>	Nonflammable
<b>FLAMMABLE LIMITS:</b>	LEL: N/A UEL: N/A
<b>EXTINGUISHING MEDIA:</b>	Use any.
<b>SPECIAL FIRE-FIGHTING PROCEDURES:</b>	None.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	None.

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**V. SPECIAL PROTECTION INFORMATION**

<b>RESPIRATORY PROTECTION:</b>	None required.
<b>VENTILATION:</b>	Maintain adequate ventilation.
<b>EYE PROTECTION:</b>	Chemical splash goggles.
<b>SKIN PROTECTION:</b>	Rubber gloves.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	As needed to prevent contact with the liquid.

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**VI. SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE PRECAUTIONS:**  
Do not let the product come in contact with skin or eyes. Do not take internally.

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**VII. PHYSICAL DATA**

**BOILING POINT:** Unknown  
**SPECIFIC GRAVITY:** 1.37  
**VAPOR PRESSURE (mm Hg):** essentially water  
**% VOLATILE, BY VOLUME:** abt 30%  
**VAPOR DENSITY (air = 1):** essentially water  
**EVAPORATION RATE:** Unknown  
**SOLUBILITY IN WATER:** Complete  
**APPEARANCE AND ODOR:** Clear, pale yellow solution with sulfur dioxide odor.

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**VIII. REACTIVITY DATA**

<b>STABILITY:</b>	Stable
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur
<b>CONDITIONS OR MATERIALS TO AVOID:</b>	Avoid contact with acids.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Contact with acids will release sulfur dioxide.

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**IX. SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS:**  
Wear safety equipment. For small spills, absorb on sand or other non-combustible absorbent, and sweep into drums. For larger spills, dike the spill and put the material into drums. Flush residue to the drain with plenty of water.  
**WASTE DISPOSAL METHOD:**  
Dispose of in landfill or other suitable disposal site. Comply with all local, state and federal regulations.

**Ammonium Bisulfite****Material Safety Data Sheet****X. OTHER INFORMATION**

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ACGIH = American Conference of Governmental Industrial Hygienists

CL = Ceiling Level

IARC = International Agency for Research on Cancer: Monographs

OSHA = Occupational Safety and Health Administration

N/A = Not Applicable

NTP = National Toxicology Program: Annual Report on Carcinogens

PEL = Permissible Exposure Level (OSHA)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average over 8 Hours

STEL = Short Term Exposure Limit (ACGIH)

ND = Not Determined

**DISCLAIMER:**

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