

Material Safety Data Sheet

Ammonium Bisulfite

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ammonium Bisulfite
Chemical Family: Ammonium Hydrogen Sulfite Solution
Chemical Name: Ammonium Bisulfite Solution
Chemical Family: Bisulfite

Date Revised: 7/2010
CAS#: 10192-30-0

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

Emergency Telephone Number:

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

II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	TLV's (ACGIH)				CAS#	OTHER LIMITS
	TWAPPM	TWA MG/M ³	STEL PPM	STEL MG/M ³		
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.

III. HAZARDOUS HAZARD DATA

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.

Ammonium Bisulfite**Material Safety Data Sheet****IV. FIRE & EXPLOSION HAZARD DATA**

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

V. SPECIAL PROTECTION INFORMATION

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

VI. SPECIAL PRECAUTIONS

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

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.

VIII. REACTIVITY DATA

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

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.

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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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