

JXX-COLD



30 Fayette Street P.O. Box 39 Quincy, MA 02171-9990

MATERIAL HEALTH AND SAFETY DATA SHEET**SECTION I. MATERIAL IDENTIFICATION**UN#: 2426
CAS: N/AEMERGENCY TELEPHONE #: (613) 348-3990
CANUTEC #: (613) 996-8680
CHEMTREC #: 1-800-424-8300TRADE/MATERIAL NAME: AMMONIUM NITRATE, 50% SOLUTION
PRODUCT DESCRIPTION: Clear, colourless solution; slight ammoniacal odour
OTHER DESIGNATIONS: CHEMICAL FORMULA NH_4NO_3

MANUFACTURE: Nutrite Inc., Nitrogen Division, P.O. Box 601, Maitland, Ontario K0E 1P0

SECTION II. INGREDIENTS AND HAZARDS

INGREDIENT NAME	PERCENT
Ammonium Nitrate	50%
Water	50%

See MSDS - AMMONIUM NITRATE - FOR DETAILS -

SECTION III. PHYSICAL DATA

Boiling Point:	125°C	Specific Gravity:	1.22 @ 25°C
Vapour Pressure:	N/A	% Volatile:	50
Vapour Density:	N/A	Crystallizing Point:	approx. -10°C
Solubility in water:	Complete		

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point Of Product:	N/A	Lower Explosive Limit:	N/A
Upper Explosive Limit:	N/A	Molecular Weight:	80.6
Autoignition Temperature:	N/A		

FIREFIGHTING

Material will not burn. However, contamination of organic materials such as flammable liquids, sawdust, Cellulose, paper etc. can produce an explosive mass, capable of detonation by combustion. Use water to fight surrounding fires. Wear self-contained, positive pressure breathing apparatus and full firefighting protective clothing.

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SECTION V. REACTIVITY DATA**STABILITY**

Product Stability: Stable
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None Known

Incompatibility:

(Materials to avoid) Peroxides, Organic Materials, Alkalies Hazardous Combustion or Decomposition Products: Thermal Decomposition may produce Oxides of Nitrogen, Ammonia (Gaseous) and/or Nitric Acid.

SECTION VI. HEALTH HAZARD INFORMATION**SUMMARY OF RISKS****Effects of Over-Exposure:**

Dilute solutions of this product are not likely to cause any significant acute toxicological effects. Concentrated solutions or dust may be irritating to the eyes, skin, or gastrointestinal tract.

Emergency and First Aid Procedures:

NOTE: IF INGESTED BY INFANT - GET MEDICAL ATTENTION. In case of skin contact, wash affected areas of skin with soap and water. In case of eye contact, immediately irrigate with plenty of water for 15 minutes.

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES**SPILL/LEAK PROCEDURES****Cleanup:**

50% Ammonium Nitrate would solidify at about 8-10°C. Contain the spill, if possible, by forming a mechanical barrier to prevent it from spreading and keep it from entering sewer or water course. Use a vacuum truck to pump the contaminated water or, if small amount, over the spill area with some absorbent material (sand, clay, etc.).

Disposal:

Disposal must be made in accordance with applicable governmental regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION**Exposure Control Methods:**

Engineering controls are not usually necessary, if good hygiene practices are strictly followed. Respiratory protection is generally not required during normal operations.

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SECTION IX. SPECIAL PRECAUTIONS AND COMMENTS**STORAGE SEGREGATION****Storage and Handling:**

Avoid heat and contamination with organic materials.

SECTION X. ADDITIONAL INFORMATION**NO WARNING STATEMENTS.****NIIPA HAZARD RATING: NOT ESTABLISHED.**

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety data Sheet. However, no warranty or representation expressed or implied, is made to the accuracy of the foregoing data and safety information.

Date May 1994Signature Jack Carlson