



Canadian Agri Products(USA) Corp.

Chemicals to Trade, Experience to Remember

Material Safety Data Sheet (MSDS)

MAPLE AMMONIUM SULFATE

1. Identification of the substance	Product Identity:	Ammonium Sulfate
2. Composition /information on ingredients	Ingredient Name	AMMONIUM SULFATE (SOLUTION) (SARA III)
	Ingredient CAS Number:	7783-20-2
	Ingredient CAS Code:	M
	RTECS Number:	BS4500000
	RTECS Code:	M
	WT:	WT Code
	Volume:	Volume Code
	Low WT:	Low WT Code
	High WT:	High WT Code:
	Low Volume:	Low Volume Code:
	High Volume:	High Volume Code:
	Text:	99
	Environmental Weight:	
	Other REC Limits:	N/P
	OSHA PEL:	NOT ESTABLISHED
	OSHA PEL Code:	M
	OSHA STEL:	OSHA STEL Code:
	ACGIH TLV:	NOT ESTABLISHED
	ACGIH TLV Code:	M
	ACGIH STEL:	N/P
	ACGIH STEL Code:	
	EPA Reporting Quantity:	
	DOT Reporting Quantity:	
	Ozone Depleting Chemical:	N
3. Hazards identification	Health Hazards Acute & Chronic:	N/P
	Signs & Symptoms of Overexposure:	INH:MAY CAUSE MILD IRRIT TO MUCOUS MEMB;ING:MAY DEVELP GI,STOMACH PROBLMS;SKIN/EYE:DUST MAY IRRITATE
	Medical Conditions	
	Aggravated by Exposure:	N/P
	LD50 LC50 Mixture:	N/P
	Route of Entry Indicators:	N/P
	Inhalation:	N/P
	Skin:	N/P
	Ingestion:	N/P
	Carcenogenicity Indicators	
	NTP:	N/P
	IARC:	N/P



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	OSHA:	N/P
	Carcinogenicity Explanation:	N/P
4. First aid measures	First Aid:	INHAL: RMV TO FRESH AIR.IF NEEDED, GIVE CPR/OXYGEN.GET MD; INGEST: GIVE SEVRL GL OF WATER.DO NOT INDUCE VOMITG.IMMED GET MD; SKIN: FLUSH W/LG QTY OF H*2O FOR 15 MIN.REMV CONTMNTD CLOTHES.GET MD; EYES: IMMED F LUSH W/PLENTY OF H*2O FOR AT LEAST 15 MIN.GET MD.
5. Fire fighting measures	Fire Fighting Procedures:	USE H*20 TO COOL EXPD CONTRS. USE SCBA & FULL PROT.CLTHG
	Unusual Fire or Explosion Hazard:	MAY EXPLODE IF MIXED W/OXIDIZERS, SUCH AS POTASSIUM NITRITE, NITRATE, OR CHLORATE.
	Extinguishing Media:	EXTINQUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.
	Flash Point: Flash Point Text:	NONE
	Auto ignition Temperature Text	
	Lower Limit(s):	N/A
	Upper Limit(s):	N/R
6. Accidental release measures	Spill Release Procedures:	VENTILATE AREA OF SPILL.CLEAN UP PERSONS NEED PROTCTV CLOTHG/RESP PROTECTION FM DUST.PICK UP SPILL & PLACE IN A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT DOES NOT GENERATE DUST.
7. Handling and storage	Handling :	The product should be handled with the care usual when dealing with chemicals. Any damaged packages must be isolated and repaired. Change contaminated clothing and launder before re-use, wash hands and face thoroughly after working with substance. Wear personal protective clothing. Avoid substance contact, do not breathe dusts
	Storage :	Keep in tightly closed containers in cool, dry conditions. Keep out of direct sunlight and away from sources of heat and ignition. Separate from combustible, organic or other readily oxidisable materials. Avoid contact with Phosphorus, Antimony, Ammonia, Magnesium, Zinc, Aluminium or strong reducing agents. Corrodes steel. Avoid contact with Acetaldehyde, Acetylene and Ammonium Hydroxide.
	Specific application :	Ensure adequate ventilation.
8. Exposure	Respiratory Protection:	SUPPLIED AIR RESPIR/SCBA; ESCAPE: GAS



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<p>controls/personal protection</p>	<p>Ventilation: MASK Protective Gloves: LOCAL EXHAUST TO MAINTN BELOW TLV. Eye Protection: IMPERVIOUS Other Protective: GOGGLES/FACE SHIELD Equipment: FULL PROTECTIVE CLOTHING, SAFETY SHOWER,EYE WASH STATION Work Hygenic Practices: N/P Supplemental Health & Safety Information: MSDS FROM MFR DATED:08/07/85 COMPLIES WITH OSHA HAZ COMM STD;MELTING PT:235-280C; SOLUBILITY:41.22G/100G H*2O AT 25C</p>
<p>9. Physical and chemical properties</p>	<p>Net Property Weight for Ammo: Boiling Point: Boiling Point N/R Text: Melting/Freezing Point: Melting/Freezing Text: N/A Decomposition Point: Decomposition Text: N/A Vapour Pressure: N/R Vapour Density: N/K Percent Volatile Organic Content: Specific Gravity: 1.77 Volatile Organic Content Pounds per Gallon: pH: N/P Volatile Organic Content Grams per Liter: Viscosity: N/P Evaporation Weight and Reference: N/K Solubility in Water: APPRECIABLE Appearance and Odour: FINE WHITE GRANULES OR CRYSTALS.SLIGHT NH*3 ODOR. Percent Volatiles by Volume: N/P Corrosion Rate : N/P</p>
<p>10. Stability and reactivity</p>	<p>Stability Indicator: YES Materials to Avoid: OXIDIZERS; POT/AMM NITRATES; POTASSIUM NITRITE/CHLORATE, ETC. Stability Condition to Avoid: NOT APPLICABLE Hazardous Decomposition Products: EMITS TOXIC FUMES OF AMMONIA, OXIDES OF NITROGEN/SULFUR. Hazardous Polymerization Indicator: NO Conditions to Avoid</p>



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