

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE Page 1 of 3							
PRODUCT AMMONIUM SULPHATE IDENTIFIER: IDENTIFIER:							
PRODUCT USE: Fertilizer SUPPLIER'S NAME: Agrisol Manufacturing Inc.							
ADDRESS 220 – 7565, 132 St	reet						
Surrey, BC,							
V3Z 1K7, Canada							
Emergency Phone No: 1(604) 805-2417							
SECTION 2 – HAZARDOUS INGREDIENTS							
HAZARDOUS INGREDIENTS		CAS #	ŧ	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES & ROU			
Ammonium Sulphate		7783-20-2 LD ₅₀ (oral, rat		LD 50 (oral, rat) 3000 mg	0 mg/kg		
	SECT	ION 3 – P	HYSI	CAL DATA			
					Odourless, colourless or		
PHYSICAL STATE:	Solid		ODC	OUR & APPEARANCE	white crystals.		
ODOUR THRESHOLD (ppm):	NAP			OUR PRESSURE nHg): @ 20°C	NAP		
VAPOUR DENSITY (air=1):	NAP		BULK DENSITY		1100 kg/cm ³ (67 Ib/cf ³)		
рН:	5.2 (5% solution)		FREEZING/MELTING POINT (°C)		Decomposes @ 235 °C		
SPECIFIC GRAVITY (water =1)	1) 1.77		EVAPORATION RATE: (Butyl Acetate =1.0)		NAP		
MOLECULAR WEIGHT/FORMULA	132 ((NH ₄) ₂ SO ₄		SOLUBILITY (in water):		Soluble in water (729 g/L)		
SECTION 4 – FIRE AND EXPLOSION DATA							
FLAMMABLE: Not flammable.							
IF YES, UNDER WHAT NAP							
MEANS OF EXTINCTION:Explosion may occur if ammonium sulphate is mixed with strong oxidizer. This material does not burn. Where fire is involved, use any fire fighting agent appropriate for surrounding material. Use water spray to cool fire-exposed surface.							
SPECIAL PROCEDURES: Wear NIOSH-approved self-contained breathing apparatus and protective clothing.							
EXPLOSION HAZARDS							
FLASHPOINT (°C) & METHOD:	Does not flash		AUTOIGNITION TEMPERATURE (°C)		NAP		
LOWER FLAMMABLE LIMIT (% by volume):	NAV		UPPER FLAMMABLE LIMIT (% by volume):		NAV		
	Not expected to be sensitive o mechanical impact.		SENSITIVITY TO STATIC DISCHARGE:		Not expected to be sensitive to static discharge.		

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HAZARDOUS COMBUSTION In a fire situation, decomposition products of ammonium sulphate include						ude				
PRODUCTS:			-							
SECTION 5 – REACTIVITY DATA										
CHEMICAL STABILITY:		nder normal co hur oxide.	nditions. When	heated above	235 °C, it c	lecompos	ses releasing	ammonia		
INCOMPATIBILITY:	hydroxide			CORROSIVE BEHAVIOUR: NAV						
CONDITIONS TO AVO	CONDITIONS TO AVOID: None									
HAZARDOUS DECOM PRODUCTS:	HAZARDOUS DECOMPOSITION PRODUCTS: Contact with sodium hydroxide releases ammonia gas.									
	SECT	TION 6 – TO	XICOLOGIC	AL PROPE	RTIES					
ROUTES OF ENTRY:	-				-					
SKIN CONTACT:	ies EY	E CONTACT:	Yes	INHALATI	DN: Yes	ING	ESTION:	Yes		
EFFECTS OF ACUTE H	EXPOSURE	TO PRODUC	CT:							
INGESTION: May	v cause sore	throat, vomiting	g, abdominal pai	n or diarrhea.						
INHALATION: May	v cause nose	, throat and resp	piratory tract irri	tation.						
EYE CONTACT: May	cause mild	irritation & red	ness to eyes.							
SKINMay cause skin irritation with prolonged contact.CONTACT:										
EFFECTS OF CHRONIC EXPOSURE: No chronic hazards are known. Not listed by NTP, IARC or OSHA as carcinogen.							rcinogen.			
EXPOSURE LIMITS: Treat as nuisance particulate (10 mg/m ³ of total dust, 5 mg/m ³ of respirable dust)										
	May be m	ldly irritating								
IRRITANCY:	to eyes.		SENSITIZA TION:	None known	1					
SYNERGISTIC PRODUCTS:	None know	wn		L						
	<u> </u>	SECTION 7	_ PREVENTI	VF MFASI	PFS					
SECTION 7 – PREVENTIVE MEASURES PEDSONAL PROTECTIVE Permittery Protection: Normally not required. If there is a shapes of dust								dust		
EQUIPMENT: ci			Respiratory Protection : Normally not required. If there is a chance of dust creation, then use NIOSH-approved respirator with dust cartridge is recommended.							
			Eve Protection: Use chemical safety goggles. Contact lenses should not be worn.							
	-	Skin Protection: Wear impervious gloves of chemically resistant material.								
	-	Clothing's: Body suits, apron or coverall of chemical resistant material should be								
			worn at all time. Footwear: No special footwear is required, but those mandated for work place.							
rootwear. No special footwear is required, out mose manualed for work place.										
			General exhaust & ventilation is adequate. Safety shower and eyewash station should be near the work station.							
HANDLING PROCEDURES:			Avoid breathing dust.							
		Promptly	clean up spills. Minimize air b			hygiene	and housekee	eping		
STORAGE REQUIREM	IENTS:		dry, cool and w (oxidizers).	vell ventilated	place and a	away from	n incompatit	ole		

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LEAK AND SPILL PROCEDURE:	Sweep or vacuum spilled product. Prevent material from entering sewers. Observe all environmental regulations.			
WASTE DISPOSAL:	Dispose of waste material in accordance with local, provincial and federal regulations.			
S	ECTION 8 – FIRST AID MEASURES			
INHALATION:	Move the victim to fresh air. Give artificial respiration <i>ONLY</i> if breathing has stopped. If there is no breathing is difficult, give oxygen. Seek immediate medical attention.			
SKIN CONTACT:	Start flushing while removing contaminated clothing. Use water and soap to thoroughly wash affected areas. Obtain medical advice if irritation, redness, or burning sensation develops and persists.			
EYE CONTACT:	Flush eyes immediately for 15 minutes with running water and hold eyelids open. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. Seek immediate medical attention			
INGESTION:	Give large amount of water and induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention.			
SECTION	9 – DEPARTMENT OF TRANSPORTATION			
SHIPPING INFORMATION				
US and Canada: Not regulated				
International Shipping: Not regulated				
TDG: Not regulated.				
IATA: Not regulated				
SECT	ION 10 – PREPARATION DATE OF MSDS			
PREPARED BY: Agrisol Manufacturing	g Inc. ADDITIONAL INFORMATION:			
220 – 7565, 132 Street Surrey, BC, V3Z 1K7, Canada	At the time of preparation, the information and data contained in this MSDS are believed to be accurate and have been compiled from sources that are believed to be reliable.			
BUSINESS NUMBER: 604-805-2417				
DATE: October, 2015				
1 711117 October, 2013				