

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE Page1of3							
PRODUCT PC IDENTIFIER:							
PRODUCT USE: Fe	ertilizer						
SUPPLIER'S NAME:	UPPLIER'S NAME: Agrisol Manufacturing Inc						
ADDRESS 220 – 7565, 132	2 Street						
Surrey, BC,							
V3Z 1K7, Canada							
IN CASE OF EMERGENCY	Y: 1(604)805-2417						
	SECTION 2	- HAZAH	RDOU	JS INGREDIENTS			
HAZARDOUS INGREDIEN	CAS #		LD ₅₀ OF INGREDIENT (SPECIFY SPECIES & ROUTE)				
Potassium Nitrate		7757-79-1		LD ₅₀ (oral rat) 3750mg/Kg			
SECTION 3 – PHYSICAL DATA							
PHYSICAL STATE:	Solid (crystalline./	Powder)	ODO	OUR & APPEARANCE	Odorless, White		
ODOUR THRESHOLD (ppm):	NAV			OUR PRESSURE (<1 Hg): @ 20°C	< 0.1 kPa		
BULK DENSITY:	1100 kg/m ³ (68.6/ Ib/cf ³)		REL (g/cc	ATIVE DENSITY	NAV		
рН:	6-10.5 (Conc. (%w/w)10)[Basic]			PORATION RATE: yl Acetate =1.0)	NAV		
MELTING/FREEZING POINT/ (°C)	333.85 °C (632.9 °F)		SOL	UBILITY (in water):	31.6 g/L of water @ 20°C		
COEFF. WATER/OIL DIST	NAV		SPE	CIFIC GRAVITY	2.109		
SECTION 4 – FIRE AND EXPLOSION DATA							
FLAMMABLE: Non-flamm	nable						
IF YES, UNDER WHAT CONDITIONS? Not combustible. Thermal decomposition products are dependent on temperature conditions. These products are water, oxides of potassium and oxides of nitrogen.							
MEANS OFUse an extinguishing agent suitable for the surrounding fire. This metrical increases the riskEXTINCTION:of fire and may aid combustion. Contact with combustible material may cause fire.							
SPECIAL PROCEDURES:							
FLASHPOINT (°C) & METHOD:	None & NAP			UTO IGNITION EMPERATURE (°C):	NAV		
LOWER FLAMMABLE LIMIT (% by volume):	NAV			PPER FLAMMABLE [MIT (% by volume):	NAV		
SENSITIVITY TO IMPACT:	NAV			ENSITIVITY TO FATIC DISCHARGE:	NAV		

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HAZARDOUS CON PRODUCTS:	HAZARDOUS COMBUSTION Oxides of nitrogen. Nitric acid.								
	SECTION 5 – REACTIVITY DATA								
CHEMICAL STAB	SILITY: S	able under no	rmal co	onditions					
INCOMPATIBILI	Reactive with reducing			agents, organic materials, with moisture. CORROSIVE				NAV	
REACTIVITY ANI CONDITIONS:	REACTIVITY AND UNDER WHAT								
HAZARDOUS DEC PRODUCTS:	HAZARDOUS DECOMPOSITION								
	S	ECTION 6 -	- TOX	ICOLOGICAL	PROP	ERTIES			
ROUTES OF ENTR	RY: Primar	y Route(s) of]	Exposu	re					
SKIN CONTACT:	Yes SKI ABS	N ORPTION:	-	EYE CONTACT:	Yes I	NHALATION:	Yes	INGESTION:	Yes
EFFECTS OF ACUTE EXPOSURE TO PRODUCT : Over-exposure Ingestion may cause gastrointestinal, vomiting and diarrhea.						Ind			
INGESTION:	Stomach pain, nausea, vomiting, and diarrhea.								
INHALATION:	Irritation of the respiratory tract.								
EYE CONTACT:	Irritation								
SKIN CONTACT:	Irritation								
EFFECTS OF CHRONIC EXPOSURE : Repeated or prolonged exposure to the substance can cause anemia, dizziness, drowsiness, headache, shortness of breath, rapid heartbeat, cyanosis, kidney disease, unconsciousness.						3,			
EXPOSURE LIMIT	rs: NAV	*			-				
CARCINOGENICI	TY:	Not classifie listed by IAF NTP, OSHA ACGIH	RC,	MUTAGENICIT	ГҮ:		N	AP	
REPRODUCTIVE HAZARD:		NAV		TERATOGENICITY/ EMBRYOTOXICITY:			NAP		
IRRITANCY: Ye		Yes		SENSITIZATION:			Yes		
SYNERGISTIC PR	SYNERGISTIC PRODUCTS: NAV								
SECTION 7 – PREVENTIVE MEASURES									
PERSONAL PROTECTIVE EQUIPMENT:Respiratory Protection: If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. Respirator selection must be based on known or anticipated exposure level, the hazards of product and the safe working limits of the selected respirator.Eye Protection:Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.Skin Protection:Normal work coveralls. Impervious boots. Cover body with lab coat.Wear impermeable gloves.Butyl rubber gloves.						sk			
ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation or other engineering control to keep airborne level below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.									

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HANDLING PROCEDURES:	ING Store in tightly-closed container. Avid contact with combustible materials.					
STORAGE REQUIREMENTS:	Keep containers tightly closed in cool, dry and well ventilated place. Separate from acids, alkalis, reducing agents and combustibles.					
LEAK AND SPILL PROCEDURE:	Safely stop source of spill. Restrict non-essential personnel from area. All personnel involved in spill cleanup should avoid skin and eye contact by wearing appropriate personal protective equipment.					
WASTE DISPOSAL:	The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of the product, solution and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.					
SECTION 8 – FIRST AID MEASURES						
INHALATION:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention.					
SKIN CONTACT:	Wash with soap and water. Get medical attention. Remove contaminated clothing and shoes. Get medical attention if symptoms occur/persists.					
EYE CONTACT:	Check for and remove any contact lens. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur/persists.					
INGESTION:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.					
	SECTION 9 – DEPART	MENT OF TRANSPORTATION				
SHIPPING INFORMATION						
Potassium Nitrate UN 1486, Class 5.1,						
Packing group III, NAERG : 140						
- DOT, IMDG/IATA						
SECTION 10 – PREPARATION DATE OF MSDS						
PREPARED BY: Agrisol Manufacturing Inc.		ADDITIONAL INFORMATION:				
220 – 7565, 132 Street		At the time of preparation, the information and data contained in				
Surrey, BC,		this MSDS are believed to be accurate and have been compiled				
#	V3Z 1K7, Canada from sources that are believed to be reliable.					
BUSINESS NUMBER:	604-805-2417					
DATE:	DATE: October, 2015					