

Material Safety Data Sheet

Class

Section 1 – Product Identification and Use

Product Identifier: Sarnia Soil Amendment (SSA)			
Product Use: Agriculture Soil Amendment / Aglime			
Manufacturer's Name: City of Sarnia		Supplier's Name: Same as Manufacturer	
Street: 333 St. Andrews Street		Street:	
City: Sarnia	Province: Ontario	City:	Province:
Postal Code: N7T 5V6	Emerg. Tel No. (519) 344-8507	Postal Code:	Emerg. Tel. No.:

Section 2 – Hazardous Ingredients

Ingredients: (list only controlled products)	%	CAS Number	LD ₅₀ Of Ingredients & Species and Route	LC ₅₀	Of Ingredients & Species and Route
Calcium	14	1305-78-8	No Published Data	No Published Data	
Magnesium	0.5	1309-48-4	“ “ “	“ “ “	

Section 3 – Physical Data – UN Number

Physical State: Solid		Odour and Appearance: Granular grey to brown powder		Odour Threshold: Low	
Vapor Pressure: Mm/Hg N/Applic.	Vapor Density: (Air = 1) Not Applicable	Evaporation Rate: Not Applicable	Boiling Point: Not Applicable		Freezing Point: Not Applicable
pH: 12+	Specify Gravity: (Water = 1) .6	Density: Kg per m ³ 630	Coefficient of Water/Oil Distribution: Not Applicable		P.I.N.

Section 4 – Fire and Explosion Data

Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, under What conditions: ▷	
Means of Extinguishment:		
Flash Point (°C) and Method:	Lower Flammable Limit: % In Air:	Upper Flammable Limit: % In Air:
Autoignition Temperature (°C):		Hazardous Combustion Products:
Explosion Data: ▷	Sensitivity to Impact:	Sensitivity to Static Discharge:

Section 5 – Reactivity Data

Chemical Stability: If ▷ Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> no
Incompatibility with other substances: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes: ▷
Reactivity, and under what conditions:
Hazardous Decomposition Products: None

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Section 6 – Toxicological Properties			
Route of Entry: Ingestion: <input checked="" type="checkbox"/> Inhalation: <input checked="" type="checkbox"/> Eye contact: <input checked="" type="checkbox"/> Skin absorption: <input type="checkbox"/> Skin contact: <input checked="" type="checkbox"/>			
Effects of Acute Exposure: Irritation to skin, nose, throat and mucous membranes, sneezing			
Route of Chronic Exposure:			
Exposure Limits: Not Available	Irritancy of Product: Skin, eyes and Mucous membranes	Sensitization to Product: None Reported	Carcinogenicity: None
Teratogenicity: None	Reproductive Toxicity: None	Mutagenicity: None	Synergistic Products: None

Section 7 – Preventive Measures		
Personal Protective Equipment: Long-sleeved shirt, long pants extending over boot tops		
Respirator (specify type): A Niosh approved dust respirator with ammonia filters.	Gloves (type and material): Gauntlet Work Gloves	Eye Protection required (type): Eye Goggles
Clothing (specify type): Standard Work Clothes	Footwear (type): Work Boots	Other:
Specific Engineering Controls: Ventilation	Handling Procedures and Equipment: Climate Controlled Cabs with carbon filters	
Leak and Spill Containment and Disposal:	Normal cleanup for spills on land	
Waste Disposal:	Dispose in landfill	
Special Storage and/or Temperature Requirements:	Indoor storage preferred, not in standing water, well drained area	
Special Shipping Instructions:	Minimize production of dust. Cover trucks, keep product dry	

Section 8 – First Aid	
Specific First Aid Measures:	
Inhalation:	Remove from exposure
Ingestion:	Drink plenty of water, fruit juice or a mixture
Eyes:	Flush immediately with plenty of water and get medical attention
Skin:	Wash affected area with plenty of water

Section 9 – Preparation Information and Update		
Prepared by (group, department or person): N-Viro Systems Canada LP	Telephone Number: (416) 360-5907	Date (yy/mm/dd): 07/04/01
Updated by: Date: (yy/mm/dd): October 25, 2010	Updated by: Date: (yy/mm/dd):	Updated by: Date: (yy/mm/dd):