

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

M74421

Trade Name: Gal-Xe 13-13-13
Registration No: None

SECTION 1

CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufactured For: J.R. Simplot Company
P.O. Box 70013
Boise, ID 83707
Product Name: Gal-Xe 13-13-13
Common Name: Gal-Xe 13-13-13
Chemical Type: 13-13-13

Emergency Phone - Chemtrec: 1-800-424-9300

SECTION 2

COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
None listed					
This is a homogeneous granular product containing:			Non-Hazardous 100%	10 mg/m ³ Nuisance Dust	15 mg/m ³ Nuisance Dust
Ammonium Nitrate	6484-52-5	NH ₄ NO ₃			
Ammonium Phosphate	7722-76-1	NH ₄ H ₂ PO ₄			
Ammonium Polyphosphate	68333-79-9	(NH ₄) ₃ PO ₄			
Calcium Phosphate	7757-93-9	CaHPO ₄			
Sulfate of Potash	7778-80-5	K ₂ SO ₄			
Polymer Coating	--	--			
Wax	--	--			

SECTION 3

HAZARDS IDENTIFICATION

Ingestion: Ingestion of large quantities may lead to symptoms such as headache, dizziness and vomiting. If needed seek medical attention.

Inhalation: Inhalation of dust may irritate nose, throat and lungs.

Eye Contact: Fugitive dust from this product may cause discomfort to the eyes.

Skin Absorption: Not normally absorbed through the skin.

Skin Contact: Slight dermal abrasion is possible with prolonged contact with skin, especially around cuffs and collars.

Potential Environmental Effects: The product does not constitute a hazard to the environment.

SECTION 4

FIRST AID MEASURES

Ingestion: If conscious, give plenty of water and provoke vomiting. Immediately call a physician or the Poison Control Center at 800-222-1222 for assistance.

Inhalation: In case of accidental inhalation of fumes from overheating or combustion, move to fresh air and seek medical attention, if necessary.

Eyes: If eye contact occurs, flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.

Skin: Wash with soap and water. Seek medical attention if condition persists.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media: Water. Material is essentially non-flammable.

Special Fire Fighting Procedures: Remove product from combustible materials. When heated to decomposition, emits fumes of NO_x, SO_x and ammonia. Remove product from the source of the fire. If it is difficult to move, flush with plenty of water and wear a self-contained breathing apparatus.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Land Spills: Sweep up and shovel into suitable containers for disposal. Avoid contact with combustible. Reuse as fertilizer, if possible.

Water Spill: Keep out of waterways including lakes, ponds, streams and rivers.

SECTION 7

HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid mixing with fuels, other combustible materials and strong alkaline agents.

Storage: The product is hygroscopic and should be stored in a dry place and away from reducing agents. Keep out of reach of children and domestic animals.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values: Not Established

Ventilation Protection: Provide local or general ventilation to keep dust below ACGIH nuisance dust limit of 10 mg/m³. Applicators should stand up-wind.

Respiratory Protection: An approved respirator should be used if dust exposure exceeds level of 10 mg/m³.

Protective Clothing: No protection normally required. Long sleeves and impervious gloves should be worn by those with sensitive skin.

Eye Protection: Use of safety glasses with side shields or goggles to prevent exposure to dust exposure

Other: Washing facilities should be available.

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point:	Not applicable	Melting Point:	Not Applicable
Density:	1.1 g/cm ³ (Bulk Density)	% Volatiles (by volume):	Not applicable
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not applicable (solid)
pH:	5.0 (10% Aq)	Reaction with Water:	None
Appearance and Odor	Solid grey granules/Odorless		
Solubility in Water:	Fertilizer inside the coating dissolves in water gradually.		
Extinguishing Media:	Water		

SECTION 10**STABILITY AND REACTIVITY**

Stability (Normal Conditions):	Stable in normal use and storage.
Conditions to Avoid:	Extremely high temperatures.
Incompatibility (Material to Avoid):	Strong alkaline agents.
Hazardous Decomposition Products:	Thermal decomposition can form nitrogen oxides (NOx), sulfur oxides (Sox), ammonia.

SECTION 11**TOXICOLOGY INFORMATION**

	<u>Oral LD50 (rat)</u>	<u>Dermal LD50 (rat)</u>	<u>Aquatic Fish 96-hour</u>	<u>Aquatic (other)</u>
Ammonium Nitrate	1,480-1,770 mg/kg	> 5,000 mg/kg	95-102 mg/kg total NH ₃ /L	124.9 mg total NH ₃ /L (daphnia)
Inhalation 4 hour LC50:	> 88,800 mg/m ³			
Monoammonium Phosphate	> 2,000 mg/kg	> 5,000 mg/kg	> 86 mg/L (rainbow trout)	none listed
Potassium Sulfate	6,600 mg/kg	none listed	680-3,550 mg/L	720-890 mg/L (daphnia)

All toxicity data from TFI Product Testing Results.

SECTION 12**ECOLOGICAL INFORMATION**

Ecotoxicity:	Large amounts of product release to water systems will be harmful to aquatic plants and animal life.
Persistence and Degradability:	Fertilizer granules are soluble in water and biodegradable. Coating material are persistent and not biodegradable.
Bioaccumulative Potential:	Not available

SECTION 13**DISPOSAL CONSIDERATIONS**

Waste Disposal Procedures:	Pick up with a shovel and broom and apply uncontaminated product as a fertilizer. Classify waste under applicable federal, state and local regulations. DO NOT DUMP THIS PRODUCT into sewer, on the ground or into any body of water.
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SECTION 14**TRANSPORT INFORMATION**

US DEPARTMENT OF TRANSPORTATION (DOT)	SEA TRANSPORT	AIR TRANSPORT
Hazard Materials 49 CFR. 172.101	IMDG	ICAO/IATA
Hazard Materials Description and Proper Shipping Name: Ammonium Nitrate Based Fertilizer	Proper Shipping Name: Class: 9 Ammonium Nitrate Based Fertilizer	Proper Shipping Name: Ammonium Nitrate Based Fertilizer
Hazard Class or Division: 9	Class: 9	Class: 9
ID number: UN2071	Packaging Group (PG): III	Packaging Group (PG): N/A
Packing Group (PG): III	Marine Pollutant: Not Applicable	UN Number: 2071
Label Requirements: 9		

SECTION 15**REGULATORY INFORMATION**

SARA Title III	OSHA Status: 29 CFR 1910.1200
Section 302 (40 CFR 355): None	TSCA Status: See Section 2 information on ingredients
Section 311/312 (40 CFR 370)	CERCLA Reportable Quantity (40 CFR 117.302): None
1. Immediately (Acute) Health Effects: No	
2. Delayed (Chronic) Health Effects: No	
3. Fire Hazard: No	
4. Sudden Release of Pressure Hazard: No	
5. Reactivity Hazard: No	
Section 313 (40 CFR 372): None	
Please refer to any other federal, state and local regulations.	

SECTION 16**OTHER INFORMATION**

None

MSDS Version Number: 2 (revisions to Sections 2, 4 and 11)

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Reviewed by: Environmental, Health, & Safety Department
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