

SAFETY DATA SHEET

Super Rainbow® Plant Food Tobacco 6-6-18, Americus

Section 1. Identification GHS product identifier : Super Rainbow® Plant Food Tobacco 6-6-18, Americus Other means of identification : Froduct code(s) 1000019; 1000020; 1000052 Product type : Granular solid.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses	
Fertilizer.	
Uses advised against	Reason
Not applicable.	Risk assessment.

Supplier's details	: Rainbow Fertilizer LLC (a Division of Timac Agro USA) 1011 Oak Avenue Americus, GA 31709
	Company phone number: 1-800-403-2861 (Customer Service)
	www.rainbowplantfoodproducts.com
Emergency telephone number (with hours of	: USA POISON CONTROL CENTER (24h/7d) 1-800-222-1222

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	: SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B
GHS label elements	
Hazard pictograms	Not Applicable.
	No Aplicable.
	Non applicable.
Signal word	: Warning
Hazard statements	: Causes eye irritation.
Precautionary statements	
General	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	: Wear eye or face protection. Wash hands and face before breaks and immediately afte handling the product.

Date of issue/Date of revision

Section 2. Hazards identification

Response	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage	: Not applicable.
Disposal	: Not applicable.
Hazards not otherwise classified	 Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

Section 3. Composition/information on ingredients

Substance/mixture

: Multi-constituent substance

CAS number/other identifiers

able.
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Ingredient name	%	CAS number
Potassium magnesium sulfate	36 - 37	14977-37-8
Potassium nitrate	19 - 21	7757-79-1
Calcium sulfate, dihydrate	8 - 10	10101-41-4
Ammonium dihydrogen orthophosphate	4 - 11	7722-76-1
Limestone	5 - 8	1317-65-3
Ammonium nitrate	3 - 5	6484-52-2
Sodium nitrate	1	7631-99-4
Ammonium sulfate	0 - 8	7783-20-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necess	ary first aid measures
Eye contact	: Causes eye irritation. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. If irritation persists, get medical attention.
Inhalation	: Non-hazardous in case of inhalation. No known significant effects or critical hazards. Get medical attention if symptoms occur. In a fire, hazardous decomposition products may be produced. If any ill effects are felt, proceed as follows. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. For additional advice call the medical emergency number on this SDS or your poison center or doctor.
Skin contact	: No known effect after skin contact. Rinse with water for a few minutes.
Ingestion	: Ingestion may cause gastrointestinal irritation and diarrhea. Wash out mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. For additional advice call the medical emergency number on this SDS or your poison center or doctor.

Most important symptoms/effects, acute and delayed

Potential acute healt	n effects
Eye contact	: Causes eye irritation.
Inhalation	: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
Skin contact	: No known significant effects or critical hazards.
Ingestion	 May cause irritation of the digestive tract with accompanying nausea, vomiting and diarrhea.

Over-exposure signs/symptoms

Section 4. First aid measures		
Eye contact	: Adverse symptoms may include the following: irritation watering redness	
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing	
Skin contact	: No specific data.	
Ingestion	: No specific data. May cause irritation of the digestive tract with accompanying nausea, vomiting and diarrhea.	
Indication of immediate me	dical attention and special treatment needed, if necessary	
Notes to physician	∴ In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.	
Specific treatments	: No specific treatment. Treat symptomatically.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. Depending on the situation, the rescuer should wear an appropriate mask, gloves, protective clothing and a respirator or self-contained breathing apparatus. Mouth-to- mouth resuscitation of oral exposure patients is not recommended. First-aiders with contaminated clothing should be properly decontaminated.	

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: No specific fire or explosion hazard. The substance will not burn. Undergoes thermal decomposition at elevated temperatures to release toxic and flammable gases.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: nitrogen oxides sulfur oxides
Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Remark	: Contain and collect the water used to fight the fire for later treatment and disposal.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures		
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.	
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".	

Section 6. Accidental release measures

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Will dissolve and disperse in water. Reclaiming material may not be possible. If possible, recover spilled product and place in suitable containers for recycle, reuse, or disposal. Product will promote algae growth and may degrade water quality and taste. Notify downstream water users. Inform the relevant authorities if the product has caused adverse impacts (sewers, waterways, soil or air).
tainment and cleaning up
: Move containers from spill area. Avoid dust generation. Recycle, if possible. or Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Avoid creating dusty conditions and prevent wind dispersal. Recycle to process, if possible. or Place spilled material in an appropriate container for disposal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

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Protective measures	1	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store in accordance with local regulations. May form steep piles that can collapse without warning when stored in bulk. Avoid forming steep slopes when removing product. Ensure that bulk bags or smaller packaged products stored in tiers are stacked, racked, blocked, interlocked, or otherwise secured to prevent sliding, rolling, or collapse. Use caution when opening truck or railcar doors as product may have shifted during transport.
		Must be stored in a dry location. Absorbs moisture on long-term storage under high humidity conditions. Store away from incompatible materials (see Section 10). When product is stored in sealable containers, keep container tightly closed and sealed until ready for use. Sealable containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Refer to NFPA 400 Hazardous Materials Code for further information on the safe storage and handling of hazardous materials.

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name	Exposure limits					
Potassium magnesium sulfate	OSHA (United States): Particulates not otherwise regulated (PNOR) TWA (8 hours), Total dust: 15 mg/m ³ ; Respirable fraction: 5 mg/m ³ .					
Potassium nitrate	OSHA (United States): Particulates not otherwise regulated (PNOR) TWA (8 hours), Total dust: 15 mg/m ³ ; Respirable fraction: 5 mg/m ³ .					
Calcium sulfate, dihydrate	ACGIH TLV (United States, 4/2014). TWA: 10 mg/m ³ 8 hours. Form: Inhalable fraction					
Ammonium dihydrogen orthophosphate	OSHA (United States): Particulates not otherwise regulated (PNOR)					

Section 8. Exposure controls/personal protection

	TWA (8 hours), Total dust: 15 mg/m ³ ; Respirable fraction: 5 mg/m ³ .
Limestone	OSHA (United States):
	Particulates not otherwise regulated (PNOR) TWA (8 hours), Total dust: 15 mg/m ³ ; Respirable fraction: 5 mg/m ³ .
Ammonium sulfate	OSHA (United States):
	Particulates not otherwise regulated (PNOR)
	TWA (8 hours), Total dust: 15 mg/m ³ ;
A more a minute mittante	Respirable fraction: 5 mg/m ³ .
Ammonium nitrate	OSHA (United States):
	Particulates not otherwise regulated (PNOR)
	TWA (8 hours), Total dust: 15 mg/m ³ ; Respirable fraction: 5 mg/m ³ .
Sodium nitrate	OSHA (United States):
	Particulates not otherwise regulated (PNOR) TWA (8 hours), Total dust: 15 mg/m ³ ; Respirable fraction: 5 mg/m ³ .

Appropriate engineering controls	:	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be

necessary to reduce emissions to acceptable levels.

Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before
Trygiene medsures	eating, smoking and using the lavatory and at the end of the working period. Wash contaminated clothing before reusing.
Eye/face 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. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.
Skin protection	
Hand protection	 The personal protective equipment required varies, depending upon your risk assessment. No special protection is required. For prolonged or repeated handling, use the following type of gloves: leather work gloves
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Cotton or cotton/synthetic overalls or coveralls are normally suitable.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. No special measures are typically indicated.
Respiratory protection	: A respirator is not needed under normal and intended conditions of product use. Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Contact your personal protective equipment manufacturer to verify the compatibility of the equipment for the intended purpose. For U.S. work sites where respiratory protection is required, ensure that a respiratory protection program meeting 29 CFR 1910.134 requirements is in place.

Section 9. Physical and chemical properties

Appearance	
Physical state	: Granular solid.
Color	: Gray.
Odor	: Odorless.
Odor threshold	: Not applicable.
рН	: 6 [Conc. (% w/w): 10%]
Melting point	: Not available.
Boiling point	: Decomposes.
Flash point	: [Product does not sustain combustion.]
Evaporation rate	: Not applicable.
Flammability (solid, gas)	: Not applicable. The substance will not burn. Undergoes thermal decomposition at elevated temperatures to release toxic and flammable gases.
Lower and upper explosive (flammable) limits	: Not applicable.
Vapor pressure	: Not applicable.
Vapor density	: Not applicable.
Relative density	: Not available.
Solubility	: Easily soluble in the following materials: hot water. Soluble in the following materials: cold water.
Solubility in water	: Water soluble.
Partition coefficient: n- octanol/water	: Not available.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not available.
Viscosity	: Not applicable.
Aerosol product	

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Absorbs moisture on long-term storage under high humidity conditions. Store in a well- ventilated, dry place. Protect from moisture.
Incompatible materials	: Incompatible with halogens. Incompatible with copper alloys. Contact your sales representative or a metallurgical specialist to ensure compatability with your equipment.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects
Acute toxicity

Section 11. Toxicological information

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Product/ingredient name	Result	Species	Dose	Exposure
Potassium magnesium sulfate	LD50 Oral	Rat	3 g/kg	-
Potassium nitrate	LD50 Oral	Rat	3540 mg/kg	-
	LD50 Oral	Rat	3750 mg/kg	-
Calcium sulfate, dihydrate	LC50 Inhalation Dusts and mists	Rat - Male,	>3.26 mg/l	4 hours
-		Female	CaSO4.2H2O	
	LD50 Oral	Rat - Male,	1581 mg/kg	-
		Female		
Ammonium dihydrogen	LD50 Oral	Rat - Male,	>2000 mg/kg	-
orthophosphate		Female		
Ammonium sulfate	LD50 Oral	Mouse - Male,	3040 mg/kg	-
		Female		
	LD50 Oral	Rat	2840 mg/kg	-
	LD50 Oral	Rat - Male,	>2000 mg/kg	-
		Female		
Ammonium nitrate	LD50 Oral	Rat	2217 mg/kg	-
	LD50 Oral	Rat - Male,	2950 mg/kg	-
		Female		
Sodium nitrate	LD50 Oral	Rat	1267 mg/kg	-

Conclusion/Summary : Very low toxicity to humans or animals. No known significant effects or critical hazards.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Ammonium sulfate	Skin	Rabbit	0	20 hours	24 hours
	Eyes	Rabbit	0	-	72 hours
Ammonium nitrate	Skin	Rabbit	0	-	72 hours
	Eyes - Edema of the conjunctivae	Rabbit	3	-	3 days

Conclusion/Summary

: No known significant effects or critical hazards.

: Causes eye irritation.

Respiratory Sensitization

Skin

Eyes

Product/ingredient name	Route of exposure	Species	Result
Ammonium sulfate	skin	Guinea pig	Not sensitizing
Calcium sulfate, dihydrate	skin		Not sensitizing
Ammonium nitrate	skin		Not sensitizing

Conclusion/Summary

: Non-sensitizer.

Respiratory

: No known significant effects or critical hazards.

: No known significant effects or critical hazards.

Mutagenicity

Skin

Product/ingredient name	Test	Experiment	Result
Potassium nitrate	OECD 471 Bacterial	Experiment: In vitro	Negative
	Reverse Mutation Test	Subject: Bacteria	
	OECD 479 Genetic	Experiment: In vitro	Negative
	Toxicology: In vitro	Subject: Mammalian-Animal	-
	Sister Chromatid	-	
	Exchange Assay in		
	Mammalian Cells		
Calcium sulfate, dihydrate	OECD 476 In vitro	Experiment: In vitro	Negative
-	Mammalian Cell Gene	Subject: Mammalian-Animal	-
	Mutation Test	Cell: Germ	
Ammonium sulfate	OECD 476	Experiment: In vitro	Negative
		Subject: Mammalian-Animal	-
		Cell: Somatic	
	OECD 473	Experiment: In vitro	Negative
		Subject: Mammalian-Animal	
		Cell: Germ	
Ammonium nitrate	OECD 471 Bacterial	Experiment: In vitro	Negative
	Reverse Mutation Test	Subject: Bacteria	
ate of issue/Date of revision	: 12/22/2021 Date of prev	ious issue : 5/6/2019	Version : 2.2 7/13

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	OECD 476 Mammalia Mutation T	n Cell Gen est	e Subje	riment: In v ect: Mamma	alian-Ani	mal	Negat	ive	
Conclusion/Summary	: No know	n significan	t effects or	critical haz	zards.				
Carcinogenicity									
Product/ingredient name	Result			Species		Dose		Expo	osure
Ammonium sulfate	Negative -	Oral - TCL	0	Rat - Male Female) ,	1288 mg/kg		2 yea per w	ars; 7 days /eek
Conclusion/Summary Classification	: Potential	for nitrosai	mine forma	ation if inge	sted. Do	not ingest.			
Product/ingredient name	OSHA	IARC	NTP						
Ammonium sulfate	None.	-	-						
Reproductive toxicity									
Product/ingredient name	Maternal toxicity	Fertility	Deve	lopment	Specie	S	Dose		Exposure
Potassium nitrate	Negative	Negative			Rat - M	ale, Female	Oral: 1500 i	mg/	-
Calcium sulfate, dihydrate Ammonium sulfate	Negative Negative	Negative Negative		itive	Rat - M Mouse Female	,	kg Oral Oral: 5000 i kg	mg/	-
Conclusion/Summary	: No knowi	n significan	t effects or	critical haz	zards.				1
Feratogenicity		0							
Product/ingredient name	Result			Species		Dose		Expo	osure
Ammonium sulfate	Negative -	Oral		Rat - Male	<u>.</u>	1500 mg/kg		_	
	- 3			Female	,	5 5			
Not available.				critical haz	zaros.				
Not available. <mark>Specific target organ toxicity</mark> Not available. <mark>Aspiration hazard</mark>				childa haz	zaros.				
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Specific target organ toxicity Not available. Aspiration hazard	 y (repeated of a second second	f entry antione eye irritation to airborne se irritation n significan se irritation cal and too symptoms symptoms ry tract irrita	cipated: Inf n. e concentra of the nosa t effects or of the dige <u>cicologica</u> may includ	nalation. ations abov e, throat an critical haz estive tract v <u>I character</u> le the follow	re statuto d lungs. zards. with acco <u>ristics</u> ving:	-		-	

Section 11. Toxicological information

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: No specific data. May cause irritation of the digestive tract with accompanying nausea, vomiting and diarrhea.

Product/ingredient name	Result	Species Bat Male	Dose	Exposure
Potential chronic health eff	ects	1		
Potential delayed effects	: Potential for nitrosamine	formation if ingested.	Do not ingest.	
Potential immediate effects	: Not available.			
Long term exposure				
Potential delayed effects	: Not available.			
Potential immediate effects	: May interfere with the oxy or over a prolonged perio more likely to develop effe working conditions.	d of time. Persons wi	th anemia, bowel di	seases, or infants, are

Ammonium sulfate Ammonium nitrate	Chronic NOAEL Oral Chronic NOAEL Oral	Rat - Male, Female Rat - Male, Female	256 mg/kg 256 mg/kg	52 weeks; 7 days per week -		
Conclusion/Summary	: No known significant effects or critical hazards.					
General	: No known significant effects or critical hazards.					
Carcinogenicity	: Potential for nitrosamine formation if ingested. Do not ingest.					
Mutagenicity	: No known significant effects or critical hazards.					
Teratogenicity	: No known significant effects or critical hazards.					
Developmental effects	: No known significant effects or critical hazards.					
Fertility effects	: No known significant effects or critical hazards.					

Numerical measures of toxicity

Acute toxicity estimates					
Route	ATE value				
Oral Inhalation (dusts and mists)	2608.8 mg/kg 17.24 mg/l				

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Potassium nitrate	Acute LC50 120 to 140 mg/l Marine water	Crustaceans - Portunus pelagicus - Juvenile (Fledgling, Hatchling, Weanling)	48 hours
	Acute LC50 490 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 1200000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
	Acute LC50 191000 µg/l Fresh water	Fish - Poecilia reticulata - Fry	96 hours
	Acute LC50 22500 µg/l Fresh water	Fish - Gambusia affinis - Adult	96 hours
Calcium sulfate, dihydrate	EC50 >79 mg/l	Algae	72 hours
-	EC50 >79 mg/l	Daphnia	48 hours
	EC50 >790 mg/l	Micro-organism	3 hours
	Acute LC50 >1970 mg/l	Fish	96 hours
Ammonium sulfate	Acute LC50 2.6 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Young	48 hours
	Acute LC50 14000 µg/l Fresh water	Daphnia - Daphnia magna - Young	48 hours
	Acute LC50 68 µg/l Fresh water	Fish - Oncorhynchus gorbuscha - Alevin	96 hours
	Acute LC50 53 mg/l	Fish - Oncorhynchus mykis	96 hours
Ammonium nitrate	Chronic NOEC 6 to 12 mg/l Fresh water	Crustaceans - Cladocera	21 days
Date of issue/Date of revision	: 12/22/2021 Date of previous issue	:5/6/2019 Version :2.	2 9

Sodium nitrate	Acute EC50 522 mg/l Fresh water Acute LC50 161 mg/l Fresh water	Fish - Pimephales promelas Crustaceans - Hyalella azteca -	96 hours 48 hours
	Acute LCS0 TOT High Fresh water	Adult	40 110015
	Acute LC50 323 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Chronic NOEC 1.6 mg/l Fresh water	Fish - Coregonus clupeaformis - Embryo	120 days
Conclusion/Summary	: Excessive nutrient runoff to a body of	water may result in eutrophication.	•
Persistence and degrad	dability		
	Not available.		

Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

Other adverse effects

Not available.

: No known significant effects or critical hazards.

Section 13. Disposal considerations

: The generation of waste should be avoided or minimized wherever possible. Disposal of **Disposal methods** this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste packaging should be recycled. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	ΙΑΤΑ
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-	-
Packing group	-	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-	-

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

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U.S. Federal Regulations:	: 1	SCA 8(a) CDR Exer	npt/Parti	al exemption:	Not determine	d	
	٦	SCA 8(b) Active inv	entory::	All componer	nts are listed or	exempted.	
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: ٢	lot listed					
Clean Air Act Section 602 Class I Substances	: 1	lot listed					
Clean Air Act Section 602 Class II Substances	: ١	lot listed					
DEA List I Chemicals (Precursor Chemicals)	: 1	lot listed					
DEA List II Chemicals (Essential Chemicals)	: 1	lot listed					
SARA 304 RQ	: 1	lot applicable.					
<u>SARA 311/312</u>							
Classification	: 1	mmediate (acute) he	alth haza	rd			
Composition/information	on in	gredients					
Manage		0/	F 1	Out of all and	Desetters	Louis all at a	Deleveral

Name	%		Sudden release of pressure			Delayed (chronic) health hazard.
Potassium nitrate Ammonium nitrate Sodium nitrate	3 - 5	Yes. Yes. Yes.	No.	No. No. No.	No. Yes. Yes.	Yes. No. No.

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	Potassium nitrate	7757-79-1	21
	Ammonium dihydrogen orthophosphate	7722-76-1	8 - 11
	Ammonium sulfate	7783-20-2	0 - 8
	Ammonium nitrate	6484-52-2	3
	Sodium nitrate	7631-99-4	1
Supplier notification	Potassium nitrate	7757-79-1	21
	Ammonium dihydrogen orthophosphate	7722-76-1	8 - 11
	Ammonium sulfate	7783-20-2	0 - 8
	Ammonium nitrate	6484-52-2	3
	Sodium nitrate	7631-99-4	1

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations	
Massachusetts	: The following components are listed: Potassium nitrate; Ammonium sulfate; Calcium carbonate; Sodium nitrate; Ammonium nitrate
New York	: None of the components are listed.
New Jersey	 The following components are listed: Potassium nitrate; Nitric acid, potassium salt; Calcium carbonate; limestone; Sodium nitrate; Nitric acid, sodium salt; Ammonium nitrate; Nitric acid, ammonium salt
Pennsylvania	 The following components are listed: Nitric acid, potassium salt; Sulfuric acid diammonium salt; Nitric acid, ammonium salt; Limestone; Nitric acid, sodium salt
<u>California Prop. 65</u>	
Not applicable – This p	roduct is not registered for sale into the State of California and has not been evaluated for Prop 66

Not applicable – This product is not registered for sale into the State of California and has not been evaluated for Prop 65 notification requirements.

International regulations	
International lists	
National inventory	
Canada	: All components are listed or exempted.
Europe	: Not determined.

Section 16. Other information

Date of issue/Date of revision	: 12/22/2021
Date of previous issue	: 5/6/2019
Version	: 2.2
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
References	 Transportation of Dangerous Goods Act and Clear Language Regulations, current edition at time of SDS preparation, Transport Canada; Hazardous Products Act and Regulations, current revision at time of SDS preparation, Health Canada; Domestic Substances List, current revision at time of SDS preparation, Environment Canada; 29 CFR Part 1910, current revision at time of SDS preparation, U.S. Occupational Safety and Health Administration; 40 CFR Parts 1-799, current revision at time of SDS preparation, U.S. Departmental Protection Agency; 49 CFR Parts 1-199, current revision at time of SDS preparation, U.S. Department of Transport; Mexican Official Standard NOM-018-STPS-2015, Harmonised System for the Identification and Communication of Hazards and Risks by Hazardous Chemicals in the Workplace; NORMA Oficial Mexicana NOM-010-STPS-2014, Agentes químicos contaminantes del ambiente laboral-Reconocimiento, evaluación y control. Mexican Official Standard NOM-002-SCT / 2011, List of the most commonly transported hazardous substances and materials; Threshold Limit Values for Chemical Substances, current edition at time of SDS preparation; NFPA 400, National Fire Codes, National Fire Protection Association, current edition at time of SDS preparation; NFPA 704, National Fire Codes, National Fire Protection Association of Corrosion Engineers; ERG 2016, Emergency Response Guidebook, U.S. Department of Transport, Transport Canada, and the Sceretariat of Transportation and Communications of Mexico Hazardous Substances Data Bank, current revision at time of SDS preparation, National Library of Medicine, Bethesda, Maryland Integrated Risk Information System, current revision at time of SDS preparation, National Library for Medicine, Researdo Triansportation and Communications in time of SDS preparation, National Institute for Occupational Safety and He

Notice to reader

Section 16. Other information

The information and recommendations contained in this Safety Data Sheet ("SDS") relate only to the specific material referred to herein (the "Material") and do not relate to the use of such Material in combination with any other material or process. The information and recommendations contained herein are believed to be current and correct as of the date of this SDS. HOWEVER, THE INFORMATION AND RECOMMENDATIONS ARE PRESENTED WITHOUT WARRANTY, REPRESENTATION OR LICENSE OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THEIR ACCURACY, CORRECTNESS OR COMPLETENESS, AND THE SELLER, SUPPLIER AND MANUFACTURER OF THE MATERIAL AND THEIR RESPECTIVE AFFILIATES (COLLECTIVELY, THE "SUPPLIER") DISCLAIM ALL LIABILITY FOR RELIANCE ON SUCH INFORMATION AND RECOMMENDATIONS. This SDS is not a guarantee of safety. A buyer or user of the Material (a "Recipient") is responsible for ensuring that it has all current information necessary to safely use the Material for its specific purpose. FURTHERMORE, THE RECIPIENT ASSUMES ALL RISK IN CONNECTION WITH THE USE OF THE MATERIAL. THE RECIPIENT ASSUMES ALL RESPONSIBILITY FOR ENSURING THE MATERIAL IS USED IN A SAFE MANNER IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL, HEALTH, SAFETY AND SECURITY LAWS, POLICIES AND GUIDELINES. THE SUPPLIER DOES NOT WARRANT THE MERCHANTABILITY OF THE MATERIAL OR THE FITNESS OF THE MATERIAL FOR ANY PARTICULAR USE AND ASSUMES NO RESPONSIBILITY FOR INJURY OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY OR RELATED TO THE **USE OF THE MATERIAL.**