

Revision Date 01-Jan.-2023

## SAFETY DATA SHEET

Version 1

Draduat Nava-		
Product Name	FB-1456	
Other means of identification		
Product Code	21456	
Recommended use of the chemica		
Recommended Use	High nitric acid cleaner with phosphoric	
Uses advised against	Follow the directions for use on the labe	el when applying this product
Details of the supplier of the safety	y data sheet	
Manufacturer Address Safe Foods Chemical Innovations		
1501 E. 8 <sup>th</sup> Street		
North Little Rock, AR 72114		
Emergency telephone number		
Company Phone Number	501-758-8500	
Emergency Telephone	Chemtrec 1-800-424-9300	
	2. HAZARDS IDENTIFICA	
Classification	2. HAZARDS IDENTIFICA	non
DSHA Regulatory Status		
	us by the 2012 OSHA Hazard Communica	tion Standard (29 CER 1910 1200)
Carcinogenicity		Category 1A
Serious eye damage/eye irritation		Category 1
Skin corrosion/irritation		Category 1 Sub-category A
Acute toxicity - Inhalation (Dusts/Mis	ts)	Category 2
Acute toxicity - Inhalation (Vapors)		Category 3
Oxidizing liquids		Category 3
Label elements		
DANGER Hazard statements May cause cancer upon inhalation of Causes severe skin burns and eye d		
Hazard statements May cause cancer upon inhalation of Causes severe skin burns and eye d Fatal if inhaled	strong inorganic acid mists	
Hazard statements May cause cancer upon inhalation of Causes severe skin burns and eye d Fatal if inhaled May intensify fire; oxidizer	strong inorganic acid mists amage	Odor Acid
Hazard statements May cause cancer upon inhalation of Causes severe skin burns and eye d Fatal if inhaled May intensify fire; oxidizer Physical state Liquid Precautionary Statements - Prevent	strong inorganic acid mists amage Color Clear, Colorless	Odor Acid
Hazard statements May cause cancer upon inhalation of Causes severe skin burns and eye d Fatal if inhaled May intensify fire; oxidizer Physical state Liquid Precautionary Statements - Preven Obtain special instructions before uso	strong inorganic acid mists amage Color Clear, Colorless	Odor Acid
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Hazard statements May cause cancer upon inhalation of Causes severe skin burns and eye d Fatal if inhaled May intensify fire; oxidizer Physical state Liquid Precautionary Statements - Preven Obtain special instructions before us Do not handle until all safety precaut Use personal protective equipment a Use only outdoors or in a well-ventila Do not breathe dusts or mists Wear respiratory protection Wash face, hands and any exposed Keep away from heat/sparks/open fla Keep/Store away from clothing/comb Take any precaution to avoid mixing Precautionary Statements - Respo Specific treatment is urgent (see Sec	The strong inorganic acid mists amage Color Clear, Colorless	Odor Acid
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Hazard statements May cause cancer upon inhalation of Causes severe skin burns and eye d Fatal if inhaled May intensify fire; oxidizer Physical state Liquid Precautionary Statements - Preven Obtain special instructions before us Do not handle until all safety precaut Use personal protective equipment a Use only outdoors or in a well-ventila Do not breathe dusts or mists Wear respiratory protection Wash face, hands and any exposed Keep away from heat/sparks/open flat Keep/Store away from clothing/comb Take any precaution to avoid mixing Precautionary Statements - Respo Specific treatment is urgent (see Sec Immediately call a POISON CENTER	The strong inorganic acid mists amage The strong inorganic acid mists amage The strong inorganic acid mists Color Clear, Colorless The strong inorganic acid mists The strong ino	Odor Acid

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up. Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal** 

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

3. 0	COMPOSITIO	N/INFORMATION ON INGRED	IENTS	
Chemical Name		CAS No.	Weight-%	
Water		7732-18-5	50-80	
Nitric acid		7697-37-2	10-40	
Phosphoric acid		7664-38-2	1-10	
*The exact perc	entage (concent	ration) of composition has been withhe	ld as a trade secret.	
	4.	FIRST AID MEASURES		
First aid measures				
Eye contact	lenses, if pres attention/advi		e rinsing eye. Seek immediate medical	
Skin contact	clothes and s immediate me	edical attention is required.	shoes before reuse. For severe burns	
Inhalation			is difficult. Call a physician immediately	
Ingestion	unconscious	ce vomiting. Drink plenty of water. Nev person. Call a physician immediately.	er give anything by mouth to an	
Most important symptoms and eff	ects, both acut	e and delayed		
Symptoms Indication of any immediate medi		11 for symptom information.		
Note to physicians	Treat sympto			
	, , , , , , , , , , , , , , , , , , ,	,		
Quitable autinguiabing madia	3. FIR	E-FIGHTING MEASURES		
Suitable extinguishing media Dry chemical. Water spray (fog). Ca Unsuitable extinguishing med		2). Foam. nation available.		
Specific hazards arising from the				
NFPA Class 1 oxidizer. Exothermic	reaction will occu	r upon dilution with water		
Hazardous combustion produ		oxides. Phosphorus oxides.		
Explosion data	•••• · · · · · · · · · · · · · · · · ·			
Sensitivity to Mechanical Impa	act None.			
Sensitivity to Static Discharge				
Protective equipment and precaut		iters		
As in any fire, wear self-contained b	reathing apparate	us pressure-demand, MSHA/NIOSH (a ies of water until well after fire is out. N		
not burn but may decompose upon l				
	6. ACCIDE	ENTAL RELEASE MEASURES		
Personal precautions, protective	equipment and	emergency procedures		
Personal precautions		protection recommended in Section 8. confined areas.	Ensure adequate ventilation,	
For emergency responders Environmental precautions	Isolate area.	Keep unnecessary personnel away.		
Environmental precautions		into waterways, sewers, basements o plogical information.	r confined areas. See section 12 for	
Methods and material for contain	ment and cleani	ng up		
Methods for containment	non-combust and place in o		th, diatomaceous earth, vermiculite) I / national regulations (see Section 13)	
Methods for cleaning up		ge. Soak up with inert absorbent mater disposal. Following product recovery,		

FB-1456		Re	evision Date 01-Jan202
	7. HANDLING	G AND STORAGE	
Precautions for safe handling Advice on safe handling	clothing. Use only in we	n recommended in Section 8. Avoid co Il-ventilated areas. Avoid breathing va n accordance with good industrial hyg	pors or mists. Wash thoroughl
Conditions for safe storage, ind			fielde and salety practice.
Storage Conditions	Keep containers tightly NFPA Class 1 oxidizers and combustible commoneed to be separated by Separation shall be main leakage from encroaching each pile of oxidizers shares share	closed in a dry, cool and well-ventilate must be separated by al least 8 feet odities (NFPA 400 Table 15.3.2.2.2.2 y at least 25 feet from flammable and intained by dikes, drains, or floor slop ing on the separation (NFPA 400 15.2.1 nall be on an aisle (NFPA 400, 15.2.1	from incompatible materials (A)(b) 2016 edition). Oxidizers combustible liquid containers es to prevent flammable liquid 2.12.13.1). At least one side of 1.3 2016 edition).
Incompatible materials		s. Alkalis. Oxidizers. Cyanides. Certai	
	EXPOSURE CONTROL	S/PERSONAL PROTECTION	
Control parameters Exposure Guidelines			
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Nitric acid 7697-37-2	STEL: 4 ppm TWA: 2 ppm	TWA: 2 ppm, 5 mg/m <sup>3</sup> (vacated) STEL: 4 ppm, 10 mg/m <sup>3</sup>	IDLH: 25 ppm TWA: 2 ppm, 5 mg/m <sup>3</sup> STEL: 4 ppm, 10 mg/m <sup>3</sup>
Phosphoric acid 7664-38-2	STEL: 3 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> (vacated) STEL: 3 mg/m <sup>3</sup>	IDLH: 1000 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>
Appropriate engineering control			
	Showers, eyewash stat	ions, ventilation system.	
Engineering Controls	s such as personal protectiv	/e equipment	
Engineering Controls	Splash proof chemical g Wear protective Neopre	goggles and face shield. ene™ gloves or rubber gloves. Wear s	suitable protective clothing.
Engineering Controls Individual protection measures Eye/face protection	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex respiratory protection sl required for high airborr	goggles and face shield. ene™ gloves or rubber gloves. Wear s ended. cceeded or irritation is experienced, N hould be worn. Positive-pressure sup ne contaminant concentrations. Respi	IOSH/MSHA approved blied air respirators may be
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex respiratory protection sh required for high airborr provided in accordance Wash face, hands and a	goggles and face shield. ene™ gloves or rubber gloves. Wear s ended. kceeded or irritation is experienced, N hould be worn. Positive-pressure supp	IOSH/MSHA approved blied air respirators may be ratory protection must be ndling. Wash contaminated
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideratior	Splash proof chemical of Wear protective Neopre Rubber boots recomme If exposure limits are ex- respiratory protection sh required for high airborr provided in accordance Wash face, hands and a clothing and shoes befor 9. PHYSICAL AND C	goggles and face shield. ene™ gloves or rubber gloves. Wear s ended. kceeded or irritation is experienced, N hould be worn. Positive-pressure supp ne contaminant concentrations. Respi with current local regulations. any exposed skin thoroughly after har	IOSH/MSHA approved blied air respirators may be ratory protection must be ndling. Wash contaminated
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideratior	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex respiratory protection sl required for high airborr provided in accordance Wash face, hands and a clothing and shoes befor 9. PHYSICAL AND C and chemical properties	goggles and face shield. ene™ gloves or rubber gloves. Wear s ended. kceeded or irritation is experienced, N hould be worn. Positive-pressure supp ne contaminant concentrations. Respi with current local regulations. any exposed skin thoroughly after har ore reuse. Do not eat, drink or smoke	IOSH/MSHA approved blied air respirators may be ratory protection must be ndling. Wash contaminated
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideration Information on basic physical a Physical state	Splash proof chemical of Wear protective Neopre Rubber boots recomme If exposure limits are ex- respiratory protection sl required for high airborr provided in accordance Wash face, hands and a clothing and shoes befor 9. PHYSICAL AND C and chemical properties Liquid	goggles and face shield. ene™ gloves or rubber gloves. Wear s inded. cceeded or irritation is experienced, N hould be worn. Positive-pressure supple contaminant concentrations. Respi with current local regulations. any exposed skin thoroughly after har ore reuse. Do not eat, drink or smoke CHEMICAL PROPERTIES	IOSH/MSHA approved blied air respirators may be ratory protection must be ndling. Wash contaminated when using this product.
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideration Information on basic physical a Physical state Appearance	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex respiratory protection sh required for high airborn provided in accordance Wash face, hands and a clothing and shoes befor 9. PHYSICAL AND C and chemical properties Liquid Aqueous solution	goggles and face shield. ene™ gloves or rubber gloves. Wear s inded. cceeded or irritation is experienced, N hould be worn. Positive-pressure supple contaminant concentrations. Respi with current local regulations. any exposed skin thoroughly after har ore reuse. Do not eat, drink or smoke CHEMICAL PROPERTIES	IOSH/MSHA approved blied air respirators may be ratory protection must be adling. Wash contaminated when using this product.
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Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideration Information on basic physical a Physical state Appearance Color Property pH Melting point / freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit: Lower flammability limit: Vapor pressure Vapor density Specific Gravity	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex- respiratory protection sh required for high airborr provided in accordance <b>9. PHYSICAL AND C</b> and chemical properties Liquid Aqueous solution Clear, Colorless <u>Values</u> 0.5 No information available No information available	goggles and face shield. ane™ gloves or rubber gloves. Wear sended. Acceeded or irritation is experienced, N hould be worn. Positive-pressure supple contaminant concentrations. Respinent with current local regulations. any exposed skin thoroughly after har ore reuse. Do not eat, drink or smoke CHEMICAL PROPERTIES Odor Odor threshold <u>Remarks • Method</u> ±0.5 @ 21°C e e e e	IOSH/MSHA approved blied air respirators may be ratory protection must be ndling. Wash contaminated when using this product.
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideration Information on basic physical a Physical state Appearance Color Property pH Melting point / freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit: Lower flammability limit: Vapor pressure Vapor density Specific Gravity Water solubility	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex- respiratory protection sh required for high airborr provided in accordance <b>9. PHYSICAL AND C</b> and chemical properties Liquid Aqueous solution Clear, Colorless <u>Values</u> 0.5 No information available No information available	goggles and face shield. ane ™ gloves or rubber gloves. Wear sended. Acceeded or irritation is experienced, N hould be worn. Positive-pressure supple contaminant concentrations. Respinent with current local regulations. any exposed skin thoroughly after har be reuse. Do not eat, drink or smoke CHEMICAL PROPERTIES Odor Odor threshold <u>Remarks • Method</u> ±0.5 @ 21°C e e e e	IOSH/MSHA approved blied air respirators may be ratory protection must be ndling. Wash contaminated when using this product.
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideration Information on basic physical a Physical state Appearance Color Property pH Melting point / freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit: Lower flammability limit: Vapor pressure Vapor density Specific Gravity Water solubility Solubility in other solvents	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex- respiratory protection sh required for high airborr provided in accordance <b>9. PHYSICAL AND C</b> and chemical properties Liquid Aqueous solution Clear, Colorless <u>Values</u> 0.5 No information available No information available	goggles and face shield. ane ™ gloves or rubber gloves. Wear sended. Acceeded or irritation is experienced, N hould be worn. Positive-pressure supple contaminant concentrations. Respinent with current local regulations. any exposed skin thoroughly after har be contaminant concentrations. Respinent with current local regulations. any exposed skin thoroughly after har be contaminant concentrations. Respinent with current local regulations. any exposed skin thoroughly after har be contaminant concentrations. Respinent with current local regulations. any exposed skin thoroughly after har be contaminant concentrations. Codor Odor Odor threshold Remarks • Method ±0.5 @ 21°C e e e e e e e e e e e e	IOSH/MSHA approved blied air respirators may be ratory protection must be ndling. Wash contaminated when using this product.
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideration Information on basic physical a Physical state Appearance Color Property pH Melting point / freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit: Lower flammability limit: Lower flammability limit: Vapor pressure Vapor density Specific Gravity Water solubility Solubility in other solvents Partition coefficient	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex- respiratory protection sh required for high airborr provided in accordance wash face, hands and a clothing and shoes befor <b>9. PHYSICAL AND C</b> and chemical properties Liquid Aqueous solution Clear, Colorless <u>Values</u> 0.5 No information available No information available	goggles and face shield. ane™ gloves or rubber gloves. Wear sended. Acceeded or irritation is experienced, N hould be worn. Positive-pressure supple contaminant concentrations. Respinent with current local regulations. any exposed skin thoroughly after har be reuse. Do not eat, drink or smoke Chemical PROPERTIES Odor Odor threshold <u>Remarks • Method</u> ±0.5 @ 21°C e e e e e e e e e e	IOSH/MSHA approved blied air respirators may be ratory protection must be ndling. Wash contaminated when using this product.
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideration Information on basic physical a Physical state Appearance Color Property pH Melting point / freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit: Lower flammability limit: Lower flammability limit: Vapor pressure Vapor density Specific Gravity Water solubility Solubility in other solvents Partition coefficient Autoignition temperature	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex- respiratory protection sh required for high airborn provided in accordance wash face, hands and a clothing and shoes befor <b>9. PHYSICAL AND C</b> and chemical properties Liquid Aqueous solution Clear, Colorless <u>Values</u> 0.5 No information available No information available	goggles and face shield. ane™ gloves or rubber gloves. Wear s anded. Acceeded or irritation is experienced, N hould be worn. Positive-pressure supple contaminant concentrations. Respine with current local regulations. any exposed skin thoroughly after har ore reuse. Do not eat, drink or smoke <b>Chemical PROPERTIES</b> Odor Odor threshold <u>Remarks • Method</u> ±0.5 @ 21°C e e e e e e e e e e e e e	IOSH/MSHA approved blied air respirators may be ratory protection must be ndling. Wash contaminated when using this product.
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideration Information on basic physical a Physical state Appearance Color Property pH Melting point / freezing point Boiling point / freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit: Lower flammability limit: Vapor pressure Vapor density Specific Gravity Water solubility Solubility in other solvents Partition coefficient Autoignition temperature Decomposition temperature Kinematic viscosity	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex- respiratory protection sh required for high airborn provided in accordance Wash face, hands and a clothing and shoes befor <b>9. PHYSICAL AND C</b> and chemical properties Liquid Aqueous solution Clear, Colorless <u>Values</u> 0.5 No information available No information available	goggles and face shield. ane ™ gloves or rubber gloves. Wear sended. Acceeded or irritation is experienced, N hould be worn. Positive-pressure supple contaminant concentrations. Respine with current local regulations. any exposed skin thoroughly after har pore reuse. Do not eat, drink or smoke <b>Chemical PROPERTIES</b> Odor Odor threshold <u>Remarks • Method</u> ±0.5 @ 21°C	IOSH/MSHA approved blied air respirators may be ratory protection must be adling. Wash contaminated when using this product.
Engineering Controls Individual protection measures Eye/face protection Skin and body protection Respiratory protection General Hygiene Consideration Information on basic physical a Physical state Appearance Color Property pH Melting point / freezing point Boiling point / boiling range Flash point Evaporation rate Flammability (solid, gas) Flammability Limit in Air Upper flammability limit: Lower flammability limit: Vapor pressure Vapor density Specific Gravity Water solubility Solubility in other solvents Partition coefficient Autoignition temperature Decomposition temperature	Splash proof chemical g Wear protective Neopre Rubber boots recomme If exposure limits are ex- respiratory protection sh required for high airborr provided in accordance wash face, hands and a clothing and shoes befor <b>9. PHYSICAL AND C</b> and chemical properties Liquid Aqueous solution Clear, Colorless <u>Values</u> 0.5 No information available No information available	goggles and face shield. ane ™ gloves or rubber gloves. Wear sended. Acceeded or irritation is experienced, N hould be worn. Positive-pressure supple contaminant concentrations. Respine with current local regulations. any exposed skin thoroughly after har pore reuse. Do not eat, drink or smoke CHEMICAL PROPERTIES Odor Odor threshold <u>Remarks • Method</u> ±0.5 @ 21°C e e e e e e e e e e e e e	IOSH/MSHA approved blied air respirators may be ratory protection must be ndling. Wash contaminated when using this product.

Oxidizing properties		No informatio 0.00%	n available			
VOC Content (%)				ND REAC		
Reactivity		10. 31/				
May intensify fire; oxidizer	r					
Chemical stability						
Stable under recommende						
Possibility of Hazardous	React	ions				
None under normal proces Conditions to avoid	ssing.					
Add product to water, nev	er add v	water to this produc	. Exothermic	reaction will	occur upon dilution	with water.
Incompatible materials	or add i				eeed upon and on	
Chlorinated compounds. A			. Certain sof	t metals.		
Hazardous Decompositi						
Nitrogen oxides. Phospho	orus oxic					
Information on likely rev	itee of		COLOGIC	AL INFOR	MATION	
Information on likely rou Product Information						
Inhalation		Inhalation of	apors in hig	h concentratio	on may cause irritati	ion of respiratory system. Vapor
		may be irritati				
Eye contact				eyes. Corros	ive to the eyes and	may cause severe damage
Skin Contact		including bline		s covoro skin	irritation and possib	lo burns
Ingestion						severe burns of mouth, throat
ingeotion						e and respiratory tracts.
Chemical Name		Oral LD5	0	Dei	rmal LD50	Inhalation LC50
Nitric acid		-			-	$= 130 \text{ mg/m}^3$ (Rat) 4 h
7697-37-2 Phosphoric acid		= 1530 mg/kg	(Rat)	= 2740 m	ng/kg (Rabbit)	= 2500 ppm (Rat)1 h > 850 mg/m <sup>3</sup> (Rat)1 h
7664-38-2		= 1000 mg/kg	(1141)	- 2740 11		
Information on toxicolog	gical eff					
Symptoms	- 66 4 -	No informatio				-
Delayed and immediate Sensitization	enects	No informatio	n available	n short and i	ong-term exposur	<u>e</u>
Germ cell mutagenicity		No informatio				
Carcinogenicity						any ingredient as a carcinogen.
					own to be carcinoge	enic only under conditions that
Chemical Name	Τ	result in endo	•	sation. RC	NTP	OSHA
Nitric acid		-		ip 2A	-	X
7697-37-2			Gro	up 1		
IARC (International Age			フ			
Group 2A - Probably Car Group 1 - Carcinogenic t			upon inhalatio	on of strona inoi	rganic acid mists)	
OSHA (Occupational S						
X - Present		No informatio	n ovoilabla			
Reproductive toxicity STOT - single exposure						
STOT - single exposure       No information available.         STOT - repeated exposure       No information available.						
Aspiration hazard No information available.						
Numerical measures of t						
Unknown Acute Toxicity					edient(s) of unknowr	n toxicity
The following values are Oral LD50	e calcul	45,989.10 mg		ne GHS doci	ument	
Dermal LD50		82,359.60 mg				
Mist		0.33 mg/l				
Vapor		8.46 mg/l				
		12. EC	OLOGICA	L INFORM	ATION	
Ecotoxicity		.2.20				
Harmful to aquatic life with						
0 % of the mixture consist				to the aquation		-
Chemical Name				1	Fish	Crustacea

Nitric acid		-		72: 96 h Ga	nbusia affinis mg/L		-
7697-37-2 Phosphoric acid 7664-38-2		-		3 - 3.5: 96 h G	LC50 ambusia affinis mg/L LC50	4.6: 1	2 h Daphnia magna mg/L EC50
Persistence and degradat	bility				2000		2000
No information available.							
<b>Bioaccumulation</b>							
		al Name			Partition of		nt
	acid -	7697-37-2			-2	.3	
<u>Mobility</u> Soluble in water. <u>Other adverse effects</u>		No informatio					
					TIONO		
		13. DIS	PUSAL C	ONSIDERA	TIONS		
Waste treatment methods Disposal of wastes	<u>5</u>	regulations.					l and local laws and
Contaminated packaging		•		-	state and local regul	ations.	
		14. TR	ANSPOR	<b>FINFORM</b>	ATION		
DOT							
UN/ID No.		3264					
Proper shipping name	•	Corro	osive liquid, a	icidic, inorgan	ic, n.o.s. (contains r	nitric an	d phosphoric acids)
Hazard Class		8					
Packing Group		II					
Emergency Response	Guid	e Number 154					
		15. RE	GULATOR	Y INFORM	ATION		
International Inventorie	es						
TSCA		Complies					
DSL/NDSL		Complies					
EINECS/ELINCS		- · · ·					
		Complies					
Legend:	Outersta	·		<b>1</b>			
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - European	nestic S n Inven	ances Control Act Sec ubstances List/Non-D	omestic Subst	ances List	t of Notified Chemical	Substar	nces
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - Europear US Federal Regulations	nestic S n Inven	ances Control Act Sec ubstances List/Non-D	omestic Subst	ances List	t of Notified Chemical	Substar	nces
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - Europear US Federal Regulations SARA 313	iestic S n Inven <u>S</u>	ances Control Act Sec ubstances List/Non-D itory of Existing Chem	omestić Subst ical Substance	ances List es/European Lis			
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - Europear US Federal Regulations SARA 313 Section 313 of Title III of the	nestic S n Inven <u>s</u> e Supe	ances Control Act Sec ubstances List/Non-D itory of Existing Chem erfund Amendments	omestic Subst lical Substance s and Reauth	ances List es/European Lis orization Act	of 1986 (SARA). T	his proc	duct contains a chemical
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - Europear US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub	nestic S n Inven <u>s</u> e Supe	ances Control Act Sec ubstances List/Non-D itory of Existing Chem erfund Amendments	omestic Subst lical Substance s and Reauth	ances List es/European Lis orization Act	of 1986 (SARA). T e 40 of the Code of	his proo Federa	duct contains a chemical I Regulations, Part 372
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - European US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub Chemical Name	nestic S n Inven <u>s</u> e Supe	ances Control Act Sec ubstances List/Non-D itory of Existing Chem erfund Amendments	omestic Subst lical Substance s and Reauth	ances List es/European Lis orization Act	of 1986 (SARA). T e 40 of the Code of SARA 313 - Thre	his proo Federa <b>shold V</b>	duct contains a chemical I Regulations, Part 372
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - European US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub Chemical Name Nitric acid - 7697-37-2	nestic S n Inven <u>5</u> e Supe ject to	ances Control Act Sec substances List/Non-D atory of Existing Chem erfund Amendments the reporting requi	omestic Subst lical Substance s and Reauth	ances List es/European Lis orization Act	of 1986 (SARA). T e 40 of the Code of	his proo Federa <b>shold V</b>	duct contains a chemical I Regulations, Part 372
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - European US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub Chemical Name Nitric acid - 7697-37-2	nestic S n Inven <u>5</u> e Supe ject to	ances Control Act Sec substances List/Non-D atory of Existing Chem erfund Amendments the reporting requi	omestic Subst lical Substance s and Reauth	ances List es/European Lis orization Act	of 1986 (SARA). T e 40 of the Code of SARA 313 - Thre	his proo Federa <b>shold V</b>	duct contains a chemical I Regulations, Part 372
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - European US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub Chemical Name Nitric acid - 7697-37-2 SARA 311/312 Hazard Cat	e Supe ject to	ances Control Act Sec substances List/Non-D atory of Existing Chem erfund Amendments the reporting requi	iomestic Subst ical Substance s and Reauth rements of th	ances List es/European Lis orization Act	of 1986 (SARA). T e 40 of the Code of SARA 313 - Thre	his proo Federa <b>shold V</b>	duct contains a chemical I Regulations, Part 372
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - European US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub Chemical Name Nitric acid - 7697-37-2 SARA 311/312 Hazard Cat Acute health hazard	e Supe ject to	ances Control Act Sec substances List/Non-D ntory of Existing Chem erfund Amendments the reporting requi	iomestic Subst ical Substance s and Reauth rements of th Yes	ances List es/European Lis orization Act	of 1986 (SARA). T e 40 of the Code of SARA 313 - Thre	his proo Federa <b>shold V</b>	duct contains a chemical I Regulations, Part 372
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - European US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub Chemical Name Nitric acid - 7697-37-2 SARA 311/312 Hazard Cat Acute health hazard Chronic Health Hazard	nestic S n Inven <u>s</u> e Supe ject to tegorid	ances Control Act Sec substances List/Non-D nory of Existing Chem erfund Amendments the reporting requi	omestic Subst ical Substance s and Reauth rements of th  Yes No	ances List es/European Lis orization Act	of 1986 (SARA). T e 40 of the Code of SARA 313 - Thre	his proo Federa <b>shold V</b>	duct contains a chemical I Regulations, Part 372
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - European US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub Chemical Name Nitric acid - 7697-37-2 SARA 311/312 Hazard Cat Acute health hazard Chronic Health Hazard Fire hazard	nestic S n Inven <u>s</u> e Supe ject to tegorid	ances Control Act Sec substances List/Non-D nory of Existing Chem erfund Amendments the reporting requi	omestic Subst ical Substance s and Reauth rements of th rements of th Yes Yos No	ances List es/European Lis orization Act	of 1986 (SARA). T e 40 of the Code of SARA 313 - Thre	his proo Federa <b>shold V</b>	duct contains a chemical I Regulations, Part 372
Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - Europear US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub Chemical Name Nitric acid - 7697-37-2 SARA 311/312 Hazard Cat Acute health hazard Chronic Health Hazard Fire hazard Sudden release of pre Reactive Hazard CWA (Clean Water Act)	nestic S n Inven <u>s</u> e Supe ject to ject to tegorid	ances Control Act Sec substances List/Non-D nory of Existing Chem erfund Amendments the reporting requi	omestic Subst ical Substance s and Reauth rements of th rements of th Yes Yo Yo No No	ances List es/European List orization Act e Act and Titl	of 1986 (SARA). T <u>e 40 of the Code of</u> <b>SARA 313 - Thre</b> 1.	his proc Federa Sshold V 0	duct contains a chemical <u>l Regulations, Part 372</u> /alues %
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Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - Europear US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub Chemical Name Nitric acid - 7697-37-2 SARA 311/312 Hazard Caf Acute health hazard Chronic Health Hazard Fire hazard Sudden release of pre Reactive Hazard CWA (Clean Water Act) This product contains the fo and 40 CFR 122.42)	nestic S n Inven <u>s</u> e Supe ject to ject to tegorid tegorid	ances Control Act Sec substances List/Non-D ntory of Existing Chem erfund Amendments the reporting requi es hazard	omestic Subst ical Substance s and Reauth rements of th Yes No No No No No	ances List es/European List orization Act e Act and Titl	of 1986 (SARA). T <u>e 40 of the Code of</u> SARA 313 - Thre 1. 1.	his proo <u>Federa</u> sshold V 0	duct contains a chemical <u>l Regulations, Part 372</u> <b>/alues %</b> r Act (40 CFR 122.21
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Legend: TSCA - United States Toxic DSL/NDSL - Canadian Dom EINECS/ELINCS - European US Federal Regulations SARA 313 Section 313 of Title III of the or chemicals which are sub Chemical Name Nitric acid - 7697-37-2 SARA 311/312 Hazard Cat Acute health hazard Chronic Health Hazard Chronic Health Hazard Chronic Health Hazard Sudden release of pre Reactive Hazard Sudden release of pre Reactive Hazard CWA (Clean Water Act) This product contains the for and 40 CFR 122.42) Chemical Name Nitric acid 7697-37-2 Phosphoric acid	nestic S n Inven <u>s</u> e Supe ject to ject to tegorid tegorid	ances Control Act Sec substances List/Non-D nory of Existing Chem erfund Amendments the reporting requi es hazard g substances which VA - Reportable Quantities	omestic Subst ical Substance s and Reauth rements of th Yes No No No No n are regulate <b>CWA - Toxi</b>	ances List es/European List orization Act e Act and Titl	of 1986 (SARA). T <u>e 40 of the Code of</u> SARA 313 - Thre 1. 1.	his proo <u>Federa</u> sshold V 0	duct contains a chemical <u>I Regulations, Part 372</u> /alues % r Act (40 CFR 122.21 CWA - Hazardous Substances
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## US State Regulations California Proposition 65

This product does not contain any Proposition 65 chemicals

## U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Nitric acid 7697-37-2	Х	X	X
Phosphoric acid 7664-38-2	Х	X	X

## U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION						
<u>NFPA</u>	Health hazards	3	Flammability 0	Instability 0		Physical and Chemical Properties OX – Oxidizer, Corrosive, Acid
<u>HMIS</u>	Health hazards	3*	Flammability 0	Physical hazards	60	Personal protection I (Safety Goggles, Gloves, Dust & Vapor Respirator)
Chronic Hazard St	ar Legend		* = Chronic Health I	Hazard		. ,
Prepared By			Technical Depart	ment		
Issue Date			20-Aug-2020			
<b>Revision Date</b>			01-Jan2023			
Version			1			
<b>Revision Note</b>			Company Name	Jpdate		
<b>Disclaimer</b>			· •	-		

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The health hazards given on this SDS apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of exposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

End of Safety Data Sheet