Product Name: Mineral Buddies Mineral Boss Purifier Date: 5/22/2018

SECTION 1 **IDENTIFICATION**

Company:

The Supply Company, Inc. 6924 E. 38th Street Tulsa, OK 74145 918-585-2863

U.S. PERS Emergency Telephone:	1-800-633-8253
Product Name:	Mineral Purifier
Synonyms:	N/A
Chemical Formula:	Ag
CAS Number:	7440-22-4
Product Use:	Water Purifier





Hazard Statement(s)

H410: Very toxic to aquatic life with long-lasting effects

Precautionary Statement(s)

P273: Avoid release to the environment

P391: Collect Spillage

P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3 COMPOSITION / INGREDIENTS INFORMATION			
<u>Component</u>	<u>CAS Number</u>	Percent	
Nano Silver Powder	7440-22-4	2%	

SECTION 4 FIRST AID MEASURES

General: Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin Contact: Wash off with soap and plenty of water. Consult a physician.

Eye Contact: Flush eyes with water as a precaution

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5 FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: No data available.

Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and material for containment and cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7 STORAGE AND HANDLING

Precautions for Safe Handling: Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Air sensitive. Handle and store under inert gas. Keep in a dry place.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control Parameters	Basis
Silver	7440-22-4	TWA	0.010000 mg/m3	USA. Occupational Exposure Limits (OSHA) – Table Z-1
			_	Limits for Air Contaminants
		TWA	0.010000 mg/m3	USA. Occupational Exposure Limits (OSHA) – Table Z-1
				Limits for Air Contaminants
		TWA	0.010000 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Argyria		
		TWA	0.010000 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	0.010000 mg/m3	USA. Occupational Exposure Limits (OSHA) – Table Z-1
			_	Limits for Air Contaminants
		TWA	0.010000 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	0.100000 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Argyria		
		TWA	0.100000 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	0.1 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
				· · ·
		TWA	0.01 mg/m3	USA. Occupational Exposure Limits (OSHA) – Table Z-1
			-	Limits for Air Contaminants
		PEL	0.01 mg/m3	California permissible exposure limits for chemical
			-	contaminants (Title 8, Article 107)

Exposure Controls

Appropriate Engineering Controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protective Equipment

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection: handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Appearance:	Copper, Silver, Opaque
Odor:	Not available
Odor Threshold:	Not available
pH:	7-9
Melting Point/Freezing Point:	Melting point/range: 960°C (1,760°F) – lit.
Initial Boiling Point & Boiling Range:	2,212°C (4,014°F) – lit.
Flash Point:	Not available
Evaporation Rate:	Not available
Flammability (solid, gas):	Not available
Upper/Lower Flammability or Explosive Limits:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	10.49 g/cm3
Water Solubility:	Not available
Partition coefficient (n-octanol/water):	Not available
Auto-Ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not available
Explosive Properties:	Not available
Oxidizing Properties:	Not available

SECTION 10 STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: No data available.

Incompatible Materials: Oxygen, strong acids and strong bases.

Hazardous Decomposition Products: Hazardous decomposition products formed under fire conditions. - Silver/silver oxides

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity: LD50 Oral – Rat – male - > 5,000 mg/kg Skin Corrosion/Irritation: No data available. Serious Eye Damage/Irritation: No data available. Respiratory or Skin Sensitization: No data available. Germ Cell Mutagenicity: No data available. Tumorigenic: Tumors at site or application.

Carcinogenicity: Rat – Unreported No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA.

Reproductive Toxicity: No data available. Specific Target Organ Toxicity (Repeated Exposure): No data available. Specific Target Organ Toxicity (Single Exposure): No data available Aspiration Hazard: No data available.

SECTION 12 ECOLOGICAL INFORMATION

Ecology - General: Very toxic to aquatic life with long lasting effects. Persistence and Degradability: No data available. Bioaccumulative Potential: No data available. Mobility in Soil: No data available Other Adverse Effects: An environmental bazard cannot be excluded in the ever

Other Adverse Effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13	DISPOSAL	CONSIDERATIONS

Waste Treatment Methods

Product: Offer surplus and non -recyclable solutions to a licensed disposal company. **Contaminated Packaging:** Dispose of as unused product.

SECTION 14 TRANSPORTATION INFORMATION

Inner packaging's not over 5.0 kg (11 lbs.) net capacity each for solids, packed in a strong outer packaging: **DOT:** UN Number: Limited Quantity/ORM-D

DOT:	UN NUMBER:	LIMITED QUANTITY/ORM-D
	UN Proper Shipping Name:	Limited Quantity/ORM-D
	Transport Hazard Class:	Limited Quantity/ORM-D
	Packing Group:	Limited Quantity/ORM-D
For Inte	ernational can package same a	s ORM-D but needs Class 9 Label.

Consumer commodity (ORM-D) means a material that is packaged and distributed in a form intended or suitable for sale through retail sales agencies or instrumentalities for consumption by individuals for purposes of personal care or household use. Valid until December 31, 2020.

Inner packaging over 5.0 kg (11 lbs.) net capacity each for solids, packed in a strong outer packaging:

DOT:	UN Number:	3077
	UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (Silver)
	Transport Hazard Class:	9
	Packing Group:	
	Reportable Quantity:	1 lbs.
	Poison Inhalation Hazard:	No
IMDG:	UN Number:	3077
	UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID,
		N.O.S. (Silver)
	Transport Hazard Class:	9
	Packing Group:	
	EMS-No:	F-A, S-F
	Marine Pollutant:	Yes
IATA:	UN Number:	3077
IATA.		
	UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (Silver)
	Transport Hazard Class:	9
	Packing Group:	III

SECTION 15 **REGULATORY INFORMATION**

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: The following components are subject to reporting levels established by SARA Title III, Section 313:

Silver

CAS-No. 7440-22-4 Revision Date 1993-04-24

SARA 311/312 Hazards: No SARA Hazards

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Massachusetts Right To Know Components		
	CAS-No.	Revision Date
Silver	7440-22-4	1993-04-24
Pennsylvania Right to Know Components		
· ······	CAS-No.	Revision Date
Silver	7440-22-4	1993-04-24
New Jersey Right to Know Components		
	CAS-No.	Revision Date
Silver	7440-22-4	1993-04-24

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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SECTION 16	OTHER INFORMATION	
NFPA Rating:	Health Hazard:	0
•	Fire Hazard:	0
	Reactivity Hazard:	0
HMIS Rating:	Health Hazard:	0
Ŭ	Flammability Hazard:	0
	Physical Hazard:	0
		Data: E/22/2018

Date: 5/22/2018 The Supply Company Inc.

Specifically Designed forMineral Treated Spas

SAFETY DATA SHEET

Product name

Mineral Buddies[™] Shock Treatment

Revision date

10-10-16

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

Product ID: Chemical Name and Synonyms: Chemical Formula: Chemical Family: Product Use: Shock Treatment Potassium Monopersulfate Compound Proprietary Peroxygen Salt Safe, Effective, Shock Oxidizer Treatment

Supplier: Oreq Corporation 42306 Remington Ave. Temecula, CA 92532 951-296-5076 Distributor: Carefree Stuff 5220 4th Street, Ste 2 Irwindale, CA 91706 626-337-0611

Emergency Telephone#

CHEMTREC 800-424-9300

Product hazard category

Acute toxicity (Oral)	Category 4
Skin corrosion	Category 1B
Serious eye damage/eye irritation	Category 1

SIGNAL WORD:

HAZARD PICTOGRAMS:

DANGER



Hazardous prevention: measures	 P260- Do not breathe dust or mist. P264- Wash skin thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. P301+330+331- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+361+353- IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304+312- IF INHALED: Remove victim to fresh air and keep comfortable for breathing. P305+351+338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P307+311- Immediately call a POISON CENTER or doctor/ physician. P362+364- Take off contaminated clothing and wash it before reuse. P405- Store locked up. P501- Dispose of contents/ container to an approved waste disposal plant.

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COMPONENT	%	CAS#
Potassium Monopersulfate	32.18%	70693-62-8
Inert ingredients	67.82%	Proprietary

The exact formulation is being withheld as a trade secret.

While some substances are claimed as trade secret in accordance with the provision of OSHA 29 CFR 1910.12009i), all known hazards are clearly communicated within this document.

General advice :	When symptoms persist or in all cases of doubt seek medical advice.		
Inhalation :	Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.		
Skin contact :	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctore for treatment advice. immediately. Wash contaminated clothing before re-use.		
Eye contact :	Hold Eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.		
Ingestion :	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person.		
Most important: symptoms/effects, acute and delayed	No applicable data available.		
Protection of first-aiders:	No applicable d	ata available.	
Notes to physician :	No applicable data available.		
Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
Unsuitable extinguishing media:		Carbon dioxide (CO2)	
Specific hazards :		The product itself does not burn. Hazardous decomposition products Oxygen, Sulphur dioxide, Sulfur trioxide	
Special protective equipment for firefighters:		Wear self-contained breathing apparatus and protective suit.	
Further information :		No applicable data available.	

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NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel)	Evacuate personnel to safe areas. Use personal protective equipment.	
Environmental precauti	Try to prevent the material from entering drains or water courses.	
Spill Cleanup:	Sweep up and shovel into suitable containers for disposal. Avoid dust formation. After cleaning, flush away traces with water.	
Accidental Release Mea	asures: Try to prevent the material from entering drains or water courses. Dispose of in accordance with local regulations.	
Handling:	Use only in well-ventilated areas. Do not breathe dust. Avoid dust formation in confined areas. Avoid contact with skin and eyes. Keep away from heat and flame. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice	
Handling (Physical Aspects): Dust explosion class:	No applicable data available. No applicable data available.	
Storage:	Keep in a dry, cool and well-ventilated place. Protect from contamination. Store in original container. Keep away from: Combustible material Never allow product to get in contact with water during storage. Stable under recommended storage conditions.	
Storage period: Storage temperature:	No applicable data available. No applicable data available	
Engineering controls:	Ensure adequate ventilation.	
Personal protective equipme Respiratory protection:	nt When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.	
Hand protection: Eye protection : Skin and body protection:	Iterial: Impervious gloves ear safety glasses or coverall chemical splash goggles. here there is potential for skin contact, have available and wear as appropriate, impervious lives, apron, pants, jacket, hood and boots. Remove and wash contaminated clothing fore re-use.	
Protective measures:	When using do not eat or drink. Do not breathe dust.	
Exposure Guidelines Exposure Limit Value Potassium Monopersulfate-	s	
Pentapotassium bis(peroxymonosulphate) bis(sulphate) AEL * (DUPONT) 1 mg/m3 15 minute TWA		

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Dipotassium peroxodisulphate TLV (ACGIH) 0.1 mg/m3 TWA as persulfate Potassium sulfate AEL * (DUPONT) 10 mg/m3 8 hr. TWA

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

Appearance (Physical state, form, colour, etc.)

Form	: Solid form, granular
Color	: white
Odor	: none
Odor threshold	: No applicable data available.
РH	: 2.1 at 30 g/l 20 °C (68 °F)
Melting point/freezing point	: Melting point
511 511 511	Decomposes before melting.
Boiling point/boiling range	: Boiling point
510 50 50 50	Not applicable
Flash point	: does not flash
Evaporation rate	: No applicable data available.
Flammability (solid, gas)	: The product itself does not burn, but it is slightly oxidising (active oxygen
, (· · · · , 3···)	content ca. 2%).
	The product is not flammable.
Upper explosion limit	: No applicable data available.
Lower explosion limit	: No applicable data available.
Vapor pressure	: < 0.0000017 hPa
Vapour density	: No applicable data available.
Density	: No applicable data available.
Specific gravity (Relative	: 2.35 at 20 °C (68 °F)
density)	12.00 0 (00 1)
Bulk density	: 1,100 - 1,400 kg/m3
Water solubility	: 297 - 357 g/l at 22 °C (72 °F)
Solubility(ies)	: No applicable data available.
Partition coefficient: n-	: No applicable data available.
octanol/water	
Ignition temperature	: no data available
	No applicable data available.
•	: No applicable data available.
Viscosity	: No applicable data available.
Oxidizing Substance	: The substance or mixture is not classified as oxidizing.

Reactivity: Stability:	Stable under recommended storage conditions. Stable under normal conditions.
Possibility of hazardous reactions	No applicable data available.

Product name Mineral Buddies™ Shock Treatment		Mineral Buddies™ Shock Treatment
Revision date		10-10-16
Conditions to avoid:	:	Temperature > 50 °C (> 122 °F) Avoid extreme heat.
Incompatibility:		Halogenated compounds Cyanides, Heavy metal salts
Hazardous decomposition products:		Oxygen, Sulfur dioxide, Sulfur trioxide products
Potassium Monoper	sulfate	
Monopersulfate comp	ound	
Inhalation 4 Skin irritation Eye irritation Sensitisation	n:):	> 5 mg/l, rat Species: rabbit, Causes burns. Species: rabbit, Severe eye irritation Species: guinea pig, Did not cause sensitization on laboratory animals.
		May cause sensitization of susceptible persons by skin contact or by inhalation of dust.
Pentapotassium bis(p	eroxymonosulpha	ate) bis(sulphate)
Dermal LD50 Oral LD50: Repeated do		 > 11,000 mg/kg, rabbit 200 - 2,000 mg/kg, rat Gastrointestinal ulceration Internal bleeding Inhalation Eyes, corneal damage, Reversible Oral
Mutagenicity: Did not cause genetic dar		Stomach, Pathologic changes genetic damage in cultured bacterial cells., Tests on mammalian cell cultures showe cts., Evidence suggests this substance does not cause genetic damage in animals.
		showed effects on embryo-fetal development at levels equal to or above those
Dipotassium peroxodi Dermal LD50	•	> 10,000 mg/kg , Rabbit
Oral LD50: Repeated do	se toxicity:	1,130 mg/kg , Rat Oral Rat- NOAEL: 131.5 mg/kgMethod: OECD Test Guideline 407 No toxicologically significant effects were found.
Carcinogenie	city:	Not classifiable as a human carcinogen. Animal testing did not show any carcinogenic effects. Information given is based o data obtained from similar substances.
Mutagenicity:		Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects. Information given is base on data obtained from similar substances.
Reproductive toxicit	y:	No toxicity to reproduction Animal testing showed no reproductive toxicity. Information given is based on data obtained from similar substances.
Teratogenicity:		Animal testing showed no developmental toxicity. Information given is based on data obtained from similar substances.
Tetra[carbonato(2-)]d	ihydroxypentama	gnesium
Oral LD50:		> 2,000 mg/kg , Rat

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	Information given is based on data obtained from similar substances.
Repeated dose toxicity:	Oral, Rat - 90 d
	NOAEL: 1,531 mg/kgMethod: OECD Test Guideline 408
	No toxicologically significant effects were found., Information given is based on data obtained from similar substances.
Carcinogenicity:	Not classifiable as a human carcinogen. Information given is based on data obtained from similar substances. Animal testing did not show any carcinogenic effects.
Mutagenicity:	Tests on bacterial or mammalian cell cultures did not show mutagenic effects. Evidence suggests this substance does not cause genetic damage in animals. Information given is based on data obtained from similar substances.
Reproductive toxicity:	No toxicity to reproduction Information given is based on data obtained from similar substances. Animal testing showed no reproductive toxicity.
Teratogenicity:	Information given is based on data obtained from similar substances. Animal testing showed no developmental toxicity.

Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

Potassium Monopersulfate

Aquatic Toxicity

Pentapotassium bis(peroxymonosulphate) bis(sulphate)

96 h LC50:	Cyprinodon variegatus (sheepshead minnow) 1.09 mg/l Directive 67/548/EEC, Annex V,C.1.
96 h ErC50:	Selenastrum capricornutum (green algae) > 1 mg/l OECD Test Guideline 201
72 h NOEC:	Selenastrum capricornutum (green algae) 0.5 mg/l
48 h EC50:	Daphnia magna (Water flea) 3.5 mg/I OECD Test Guideline 202
37 d:	NOEC Cyprinodon variegatus (sheepshead minnow) 0.222 mg/l
28 d:	NOEC Americamysis bahia (mysid shrimp) 0.267 mg/l

Dipotassium peroxodisulphate

96 h LC50:	Oncorhynchus mykiss (rainbow trout) 76.3 mg/I US EPA Test Guideline OPP 72-1
72 h EbC50:	Information given is based on data obtained from similar substances. Pseudokirchneriella subcapitata (green algae) 83.7 mg/l OECD Test Guideline 201
	Information given is based on data obtained from similar substances.
72 h NOEC:	Pseudokirchneriella subcapitata (green algae) 39.2 mg/l OECD Test Guideline 201
	Information given is based on data obtained from similar substances.
48 h EC50:	Daphnia magna (Water flea) 120 mg/l US EPA Test Guideline OPP 72-2
	Information given is based on data obtained from similar substances.

Tetra[carbonato(2-)]dihydroxypentamagnesium

96 h LC50: Pimephales promelas (fathead minnow) 2,120 mg/l

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72 h EC50:	Information given is based on data obtained from similar substances. Desmodesmus subspicatus (green algae) > 100 mg/l OECD Test Guideline 201
72 h NOEC:	Information given is based on data obtained from similar substances. Desmodesmus subspicatus (green algae) 100 mg/I OECD Test Guideline 201 Information given is based on data obtained from similar substances.
48 h EC50:	Daphnia magna (Water flea) 140 mg/l Information given is based on data obtained from similar substances.
Physico-chemical removability:	hydrolyses
Environmental Fate	
Dipotassium peroxodisulphate Biodegradability:	Readily biodegradable.
Tetra[carbonato(2-)]dihydroxyp Biodegradability:	pentamagnesium The methods for determining biodegradability are not applicable to inorganic substances
Waste Disposal Methods: Contaminated Packaging:	Dispose of in accordance with local regulations. If recycling is not practicable, dispose of in compliance with local regulations.
DOT	UN-Number: 3260 Proper shipping name: Corrosive solid, acidic, inorganic, n.o.s. (Monopersulfate Compound) Class: 8 Packaging group: II Labeling No.: 8
IATA_C	UN number: 3260 Proper shipping name: Corrosive solid, acidic, inorganic, n.o.s. (Monopersulfate Compound,) Class: 8 Packaging group: II Labeling No.: 8
IMDG	UN number: 3260 Proper shipping name: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (Monopersulfate Compound,) Class: 8 Packaging group: II Labeling No.: 8

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TSCA Other regulations SARA 313 Regulated Chemical(s) PA Right to Know Regulated Chemical(s)	 On the inventory, or in compliance with the inventory Active Ingredient in this composition is POTASSIUMPEROXYMONOSULFATE, CAS. No. 10058-23-8, Concentration: 43-47% (Typical 45%) Active ingredient may also be described by the synonym POTASSIUM MONOPERSULFATE. This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Dipotassium peroxodisulphate 	
NJ Right to Know Regulated Chemical(s)	: Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): Dipotassium peroxodisulphate,	
Title III hazard Classification	Potassium hydrogensulphate : Acute Health Hazard: Yes Chronic Health Hazard: No Fire: No Reactivity/Physical hazard: No Pressure: No	
California Prop. 65 :	Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known	

DATE OF PREPARATION 10-10-2016

THE INFORMATION SUPPLIED ABOVE IS PRESENTED IN GOOD FAITH AND HAS BEEN DERIVED FROM SOURCES BELIEVED TO BE RELIABLE, HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED IS EXTENDED REGARDING ITS ACCURACY OR THE RESULTS TO BE OBTAINED FROM ITS USE SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL. ALL RISKS ARE ASSUMED BY THE USER.

Specifically Designed for Mineral Treated Spas

SAFETY DATA SHEET

Product name Revision date

Mineral Buddies[™] pH & Alk Up

10-10-16

Section 1 Identifica	ation		
Product ID:	pH Plus		
Chemical Name: Synonyms: Chemical Formula: CAS Number: Product Use:	Sodium Carbonate, Anhydrou Sodium carbonate; Carbonic a NA2CO3 497-19-8 Raises pH, Prevents Corros	acid, disodium salt; Diso	odium carbonate
Supplier: Emergency Telephone#	Oreq Corporation 42306 Remington Ave. Temecula, CA 92590 951-296-5076 Chemtrec: 1-800-424-9300	Distributor:	Carefree Stuff 5220 4 th Street, Ste 2 Irwindale, CA 91702 626-337-0611

Section 2 Hazards identification

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 FR 1910.1200)

GHS CLASSIFICATION:

Serious eye damage/eye irritation- Category 2

GHS SIGNAL WORD:

WARNING

HAZARD PICTOGRAMS:

HAZARD STATEMENT(S):

H319 - Causes serious eye irritation

PRECAUTIONARY STATEMENT(S)- Prevention:

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear eye protection/ face protection

PRECAUTIONARY STATEMENT(S)- Response:

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337 + P313 - If eye irritation persists: Get medical advice/ attention

Hazards not otherwise classified (HNOC)

No hazards not otherwise classified were identified.

Other Information

May be harmful if swallowed

Section 3 Composition / Information on ingredients

Ingredients

-	Chemical Name	CAS-No	Weight %
	Sodium carbonate	497-19-8	100
Formula	NA2CO3		

Chemical Family Alkali salt

Specifically Designed forMineral Treated Spas

Product name Revision date

Mineral Buddies[™] pH & Alk Up

10-10-16

Section 4 First - aid measures

- **Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
- **Skin contact** Wash off with warm water and soap. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before re-use.

Inhalation Remove person to fresh air. If signs/symptoms continue, get medical attention.

Ingestion Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed:

Causes serious eye damage / eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary:

Treat symptomatically

Section 5 Fire - fighting measures

Suitable extinguishing media		Use extinguishing agent suitable for type of surrounding fire.	
Specific Hazards Arising from the Chemical		Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.	
Hazardous combustio	n products	Fumes of sodium oxide. Carbon oxides (COx)	
Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge		Not sensitive. Not sensitive.	
Protective equipment precautions for firefig		As in any fire, wear self-contained breathing apparatus pressure demand MSHA/NIOSH (approved or equivalent) and full protective gear	
Section 6 Accidental release measures			
Personal precautions	Avoid c	lust formation. Sweep up to prevent slipping hazard.	
		ner clean-up instructions, call Emergency Hotline number listed in Section 1 "Product npany Identification" above.	
Environmental Precautions Do not		flush into surface water or sanitary sewer system.	
with pla		t large quantities of this product from contacting vegetation or waterways. Cover astic sheet to prevent spreading. Pick up and transfer to properly labeled containers.	
Methods for cleaning up Pick up and transfer to properly labeled containers. Keep in suitable an for disposal. Dispose of waste as indicated in Section 13.		and transfer to properly labeled containers. Keep in suitable and closed containers posal. Dispose of waste as indicated in Section 13.	
Section 7 Han	dling and sto	orage	
Handling	Use air conveying/mechanical systems for bulk transfer to storage. Provide appropriate exhaust ventilation at places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment if release of airborne dust is expected.		
Storage Incompatible products		l container. Keep in properly labeled containers. Keep containers tightly closed. um. Powdered aluminum. Acids	

Specifically Designed forMineral Treated Spas

Product name Revision date

Mineral Buddies™ pH & Alk Up

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Section 8 Exposure controls / personal protection

Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies Local nuisance dust standards apply.

Appropriate engineering controls

Engineering measures Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Tightly fitting safety goggles.
Skin and Body Protection	Wear suitable protective clothing. Protective shoes or boots.
Hand Protection	Nitrile rubber, Neoprene gloves
Respiratory Protection	In case of inadequate ventilation wear respiratory protection.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
General information	These recommendations apply to the product as supplied

Section 9 Physical and chemical properties

Appearance	Granules
Color	White
Physical state	Solid
Odor	odorless
Odor Threshold	not applicable
рН	11.4 (as aqueous solution)
Melting Point/Range	851 °C
Freezing point	No information available
Boiling Point/Range	not applicable
Flash Point	Not combustible
Evaporation rate	Not applicable
Flammable (solid, gas)	Non-combustible, substance itself does not burn but may decompose upon heating to
	produce corrosive and/or toxic fumes
Flammability Limit in Air	
	No information available
Lower flammability limit:	
Vapor pressure	No information available
Vapor density	No information available
Density	No information available
Specific gravity	
Water solubility	212.5 g/L @ 20 °C
Solubility in other solvents Partition coefficient:	No information available
	Not applicable Not combustible
Autoignition Temperature	
Decomposition Temperature	400 C

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Section 9 Physical and chemical properties (Continued)

Viscosity, dynamicNoExplosive propertiesNoOxidizing propertiesNoMolecular Weight10Bulk density0.3	o information available o information available ot explosive on-oxidizing 05.99 86 - 1.12 g/cm ³ (Dense grades) 0.70 - 0.90 g/cm ³ (Light Grades) bar m/s
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Section 10 Stability and reactivity

Reactivity	None under normal use conditions.
Chemical Stability	Stable. Decomposes by reaction with strong acid.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Exposure to air or moisture over prolonged periods.
Incompatible materials	Aluminium. Powdered aluminum. Acids.
Hazardous Decomposition Products	Sodium oxides. Carbon oxides (COx).

Section 11 Toxicological information

Product Information

LD50 Oral	2,800 mg/kg (rat)
LD50 Dermal	> 2,000 mg/kg (rabbit)
LC50 Inhalation	2.3 mg/L (rat)
Eye Contact	Irritating to eyes.
Skin Contact	Non-irritating
Sensitization	Patch test on human volunteers did not demonstrate sensitization properties.

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity	No known effect.
Mutagenicity	No information available
Carcinogenicity	Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

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Section 12 Ecological information

Ecotoxicity

Sodium carbonate (497	/-19-8)			
Active Ingredient(s)	Duration	Species	Value	Units
Sodium Carbonate	96 h LC50	Bluegill sunfish	300	mg/L
Sodium Carbonate	48 h EC50	Ceriodaphnia	200-227	mg/L

Persistence and degradability	Biodegradability does not pertain to inorganic substances
Bioaccumulation	Does not bioaccumulate.
Mobility	Dissociates into ions.
Other adverse effects	None known

Section 13 Disposal considerations

Waste disposal methods	This material, as supplied, is not a hazardous waste according to Federal regulations (40
	CFR 261). Dispose of in accordance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations.

Section 14	Transport information
------------	-----------------------

DOT	Not regulated
TDG	Not regulated
ICAO/IATA	Not regulated
IMDG/IMO	Not regulated

Section 15 Regulatory information

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	YES
Chronic Health Hazard	NO
Fire Hazard	NO
Sudden Release of Pressure Hazard	NO
Reactive Hazard	NO

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Specifically Designed for Mineral Treated Spas

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Mineral Buddies[™] pH & Alk Up

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Regulatory information (Continued) Section 15

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

International Inventories

COMPONENT	TSCA (United States)	DSL (Canada)	EINECS/ELI NCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Sodium Carbonate 497-19-8 (100)	X	X	X	X	X	X	X	X

International Regulations Mexico – Grade	Moderate risk, Grade 2
WHMIS Hazard Class	D2B Toxic materials, Eye irritation Class E: Corrosive to aluminum. Not corrosive to animal skin or carbon steel.

Section 16 Other information

NFPA	Health Hazard 2	Flammability 0	Stability 0	Special Hazards -
HMIS	Health Hazard 2	Flammability 0	Stability 0	Special Protection X
NEPA/HMIS Batings Legend Severe – 4: Serious – 3: Moderate – 2: Slight – 1: Minimal – 0				

Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0NFPA/HMIS Ratings Legend

DATE OF PREPARATION 5-15-15

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Specifically Designed forMineral Treated Spas

SAFETY DATA SHEET

Product name Revision date	Mineral Buddies™ pH 8 10-10-16	Alk Down	
Section 1 Identificat	ion		
Product ID: Synonyms: Product Use:	pH & Alk Down Sodium bisulfate, anhydrous. Nitre cake, GBS, Sodium hydrogen s Lowers pH, Prevents Scaling	sulphate	
Supplier:	Oreq Corporation 42306 Remington Ave. Temecula, CA 92590 951-296-5076	Distributor:	Carefree Stuff 5220 4 th Street, Ste 2 Irwindale, CA 91702 626-337-0611
Emergency Phone#	CHEMTREC, U.S.: 1-800	-424-9300	
Section 2 Hazards in	lentification		
OSHA/HCS status :	This material is considered hazardous by (29 CFR 1910.1200).	the OSHA Hazard C	Communication Standard
Classification of the substance or mixture:	SERIOUS EYE DAMAGE/ EYE IRRITATI	ON - Category 1	
GHS label elements Hazard pictograms:			
Signal word: Hazard statements:	Danger H318 - Causes serious eye damage.		
Precautionary statemen	ts		
Prevention :	P280 - Wear eye or face protection.		
Response :	P264 - Wash hands thoroughly after hand P305 + P351 + P338 + P310 - IF IN EYES minutes. Remove contact lenses, if preserved	S: Rinse cautiously with the second sec	
Storage : Disposal : Hazards not otherwise Classified	Immediately call a POISON CENTER or p Not applicable. Not applicable. : None known.	mysician.	
Classificu			
Section 3 Compositi	on / Information on ingredients		
United States - Mexico			

Name	%	CAS number
Sodium bisulfate	>90	7681-38-1

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

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Section 4 First - aid	measures	
Description of necessary f	irst aid measures	
Eye contact Inhalation	 Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. If redness or irritation persists, get prompt medical attention. Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If irritation or discomfort persists, seek medical attention. 	
Skin contact	: In case of contact, immediately flush skin with plenty of water for at least 20 minutes. If skin irritation occurs, seek medical attention.	
Ingestion	: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call medical doctor or poison control center immediately.	
Most important symptoms/e	ffects. acute and delayed	
Potential acute health effects	<u>S</u>	
Eye contact	: Causes serious eye damage.	
Inhalation	: Inhalation of dust may irritate nose, throat and/or lungs.	
Skin contact	: Prolonged exposure may cause skin irritation.	
Ingestion	: Small amounts (tablespoonful) swallowed are not likely to cause injury; however, swallowing large amounts may irritate or burn digestive tract.	
Over-exposure signs/sympto	oms	
Eye contact	: Adverse symptoms may include the following: pain watering redness	
Inhalation	:No known significant effects or critical hazards.	
Skin contact	Adverse symptoms may include the following: pain or irritation redness blistering may occur if repeated exposure	
Ingestion	:Adverse symptoms may include the following: stomach pains	
Indication of immediate medical attention and special treatment needed. if necessary		
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	
Specific treatments	: No specific treatment.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.	
See toxicological information (Section 11)		

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Section 5 Fire - fighting measures

Extinguishing media Suitable Extinquishing Media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable Extinquishing Media	: None known.
Specific hazards arising from the chemical	: No specific fire or explosion hazard.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: Sulfur oxides
Special protective actions for fire-fighters	: No special measures are required.
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.

Section 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: Do not breathe 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 inSection 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containme	nt and cleaning up
Small Spill	: Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large Spill	: Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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Section 7 Handling and Storage

Precautions for safe handling

Protective measures Advice on general	:Put on appropriate personal protective equipment (see Section 8). Avoid breathing dusts. Wash thoroughly after handling.
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. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, Including any incompatibilities	:Material is hygroscopic and will readily absorb moisture. DO NOT store dry product where exposed to moist conditions. Keep container tightly closed.

Section 8 Exposure controls / personal protection

Control parameters **Occupational exposure limits** None <u>Mexico</u> None Appropriate engineering : If user operations generate dust, fumes, gas, vapor or mist, use process controls enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. **Environmental exposure** : Emissions from ventilation or work process equipment should be checked to controls ensure they comply with the requirements of environmental protection legislation. Individual protection measures : Ensure that eyewash stations and safety showers are close to the workstation Hygiene measures location. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. **Eve/face protection** : Safety evewear should be used when there is a likelihood of exposure. Recommended: Safety glasses with side shields. Skin protection Hand protection : Use gloves appropriate for work or task being performed. Recommended: Rubber gloves. **Body protection** : Cotton-blend coveralls 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. : In dusty atmospheres (>10 mg/m³), use a NIOSH-approved dust respirator. **Respiratory protection**

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Section 9 Physical and chemical properties

Appearance

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	: DO NOT store dry product where exposed to moist conditions.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis. DO NOT MIX dry or concentrated solutions of this product with concentrated solutions of chlorine bleach, ammonia cleansers or similar products.
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

Product/ingredient name	Result	Species	Dose	Exposure
Sodium bisulfate	LD50 Oral	Rat	2800 mg/kg	-

Irritation/Corrosion -	There is no data available
Sensitization -	There is no data available
Carcinogenicity -	There is no data available

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Specific target organ toxicity (single exposure) - There is no data available					
Specific target organ toxicity (repeated exposure)- There is no data available					
Aspiration hazard-	There is no data available				
Information on the likely routes of exposure <u>Potential acute health effect</u>	: Dermal contact. Eye contact. Inhalation. Ingestion.				
Eye contact	: Causes serious eye damage.				
Inhalation	: Inhalation of dust may irritate nose, throat and/or lungs.				
Skin contact	: Prolonged exposure may cause skin irritation.				
Ingestion	: Small amounts (tablespoonful) swallowed are not likely to cause injury; however, swallowing large amounts may irritate or burn digestive tract.				
Symptoms related to the phys	ical. chemical and toxicological characteristics				
Eye contact	: Adverse symptoms may include the following: pain watering redness				
Inhalation	:No known significant effects or critical hazards.				
Skin contact	:Adverse symptoms may include the following: pain or irritation redness blistering may occur if repeated exposure				
Ingestion	Adverse symptoms may include the following: stomach pains				
Delayed and immediate effect	s and also chronic effects from short and long term exposure				
Short term exposure Potential immediate effects	: No known significant effects or critical hazards.				
Potential delayed effects	: No known significant effects or critical hazards.				
Long term exposure Potential immediate effects	: No known significant effects or critical hazards.				
Potential delayed effects	: No known significant effects or critical hazards				
Potential chronic health effect General Carcinogenicity Mutagenicity Teratogenicity Developmental effects Fertility effects	 No known significant effects or critical hazards. 				

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Section 11 Toxicological information (Continued)

Acute toxicity estimates Route ATE value Oral 3080.3 mg/kg Section 12 Ecological information **Toxicity** There is no data available. Persistence and degradability : There is no data available. Bioaccumulative potential : There is no data available. Mobility in soil Soil/water partition : There is no data available. coefficient (Koc) Other adverse effects : This product readily dissolves in water to form a weak acid solution. A 0.05 percent or greater (by weight) solution of this product will likely be acutely harmful to aquatic life. Section 13 **Disposal considerations Disposal Methods** : The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Section 14	Transport information
------------	-----------------------

	DOT/MEX Classification	IMDG	ΙΑΤΑ
UN number	Not regulated	Not regulated	Not regulated
UN proper	-	-	-
Shipping name			
Transport	-	-	-
Hazard class			
Packing group	-	-	-
Environmental	No	No	No
hazards			
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. : Not available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Section 15 Regulatory information

: TSCA 8 (a) CDR Exempt Partial exemption: Not determined

United States inventory (TSCA 8b): All components are listed or exempted.

U.S. Federal regulations

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Product name

Mineral Buddies™ pH & Alk Down

Revision date	10-10-16
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: Not Listed
Clean Air Act Section 602 Class I Substances	: Not Listed
Clean Air Act Section 602 Class II Substances	: Not Listed
DEA List I Chemicals (Precursor Chemicals)	: Not Listed
DEA List II Chemicals (Essential Chemicals)	: Not Listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ: :Not applicable

SARA 311/312

Classification : Immediate (acute) health hazard

Composition/information on ingredients

Name	%	Fire Hazard	Sudden Release of Pressure	Reactive	Immediate (acute) Health hazard	Delayed (chronic) Health hazard
Sodium Bisulfate	>90	No.	No.	No.	Yes.	No.

State regulations

Massachusetts	: None of the components are listed.
New York	: None of the components are listed.
New Jersey	: None of the components are listed.
Pennsvlvania	: None of the components are listed.

California Prop. 65

No products were found.

<u>Mexico</u>

Classification	:	<u>Health</u>	<u>Flammability</u>	<u>Reactivitv</u>
		1	0	0

Section 16 Other information

DATE OF PREPARATION 5-15-2015

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present and easy to do. Continue rinsing

you feel unwell P330 - Rinse mouth

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if

P280 - Wear protective gloves/protective clothing/eye protection/face protection

SAFETY DATA SHEET

Product name	Mineral Buddies™ Calcium Up				
Revision date	10-10-16				
Section 1 Identificat	ion				
Product ID:	Calcium Up				
Chemical Name: Synonyms: CAS Number:	Calcium Chloride Calcium Chloride Flake 10043-52-4				
Product Use:	Raises Calcium, Prevents Corrosion				
Supplier:	Oreq Corporation 42306 Remington Ave. Temecula, CA 92590 951-296-5076	Distributor:	Carefree Stuff 5220 4 th Street, Ste 2 Irwindale, CA 91702 626-337-0611		
. .	CHEMTREC: 800-424-9300				
GHS CLASSIFICATION:	Acute Oral Toxicity Serious Eye Damage/Eye Irritation	Category 4 Category 2			
GHS SIGNAL WORD:	WARNING				
HAZARD PICTOGRAMS:					
Appearance: White	Physical State: Flake	Odor: Odorl	ess		
Hazard Statement(s)					
H302 Harmful if swallowed H316 Causes mild skin irritation H319 Causes serious eye irritation					
Precautionary Statement(s):					
P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if					

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Specifically Designed for Mineral Treated Spas

Product name

Mineral Buddies™ Calcium Up

Revision date 10-10-16

Section 3 Composition / Information on ingredients

Chemical Name	CAS-No	Weight %
Calcium Chloride	10043-52-4	74-100
Water	7732-18-5	0-26
Sodium Chloride	7647-14-5	< 3
Potassium Chloride	7447-40-7	< 3
Magnesium Chloride	7786-30-3	< 0.5

Section 4 First - aid measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Obtain medical attention if irritation persists.

Skin Contact: Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

Inhalation: Move to fresh air. Get medical attention immediately if symptoms occur.

Ingestion: IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell Rinse mouth.

Notes to Physician: Treat symptomatically and supportively.

Section 5 Fire - fighting measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Specific Hazards Arising from the Chemical

Avoid generating dust, under certain conditions may cause respiratory irritation. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

None

Explosion Data

Sensitivity to Mechanical ImpactNoneSensitivity to Static DischargeNone

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 Accidental release measures

Personal Precautions:

Avoid contact with the skin and the eyes. Use personal protective equipment. Avoid dust formation.

Environmental Precautions:

Prevent large spills from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12,

Specifically Designed for Mineral Treated Spas

Product name

Mineral Buddies™ Calcium Up

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Section 6 Accidental release measures (Continued)

Ecological Information.

Methods and Materials for Containment and Cleaning Up:

Small and large spills: Contain spilled material if possible. Collect in suitable and properly labeled containers. Flush residue with plenty of water. See Section 13, Disposal considerations, for additional information.

Section 7 Handling and storage

- Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Keep container tightly closed. Do not get on skin or in eyes. Do not ingest or inhale. Wash clothing before reuse. Always use cool water when dissolving Calcium Chloride. Heat evolved is significant.
- **Storage:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture. Store below melting point.

Incompatible Products: Zinc, Bromine tri-fluoride, Methyl vinyl ether

Section 8 Exposure controls / personal protection

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Chloride	ACGIH - (TLV-TWA) Guidelne	OSHA (PEL-TWA) - Z-3 Mineral	-
10043-52-4	for nuisance particulate	Dusts, Inert or Nuisance dusts,	
	(inhalable particulate): 10 mg/m3	(respirable fraction): 5 mg/m3	

Engineering Measures Provide local exhaust ventilations system. When there is a potential for exposure, an emergency eyewash and safety shower should be provided within the immediate work area.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear safety glasses with non-flexible side shields or chemical goggles

Skin and Body ProtectionHands and Feet:
Wear appropriate protective non-leather protective gloves and boots. Chemical protective
gloves and boots such as PVC, Neoprene, or Heavy Nitrile are recommended. Leather
products do not offer adequate protection and will dehydrate with resultant shrinkage and
possible destruction.
Body: Wear appropriate protective, impervious clothing.

- **Respiratory Protection** A respirator is not indicated under normal operating conditions. Use of a NIOSH approved respirator (N95 or greater) should be based on the presence of nuisance dusts.
- **Hygiene Measures** When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area and clothing.

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Product name

Mineral Buddies™ Calcium Up

Revision date

Section 9 Physical and chemical properties

10-10-16

Physical State: Flake Appearance: white Odor: odorless pH: 8-10 100 g/l aq.sol. Vapor Pressure: Not available. Vapor Density: Not available. Evaporation Rate: Not available. Viscosity: Not available. Boiling Point: > 1600 deg C @ 760.0 Freezing/Melting Point: 782 deg C Decomposition Temperature: Not available. Solubility: 740 g/l water (20°C) Specific Gravity/Density: Not available. Molecular Formula: CaCl2 Molecular Weight: 110.99

Section 10 Stability and reactivity

Chemical Stability: Stable.

Conditions to Avoid: Dust generation, excess heat, exposure to moist air or water. **Incompatibilities with Other Materials:** Zinc, Bromine tri-fluoride, Methyl vinyl ether **Hazardous Decomposition Products**: Hydrogen chloride, calcium oxide. **Hazardous Polymerization:** Will not occur.

Section 11 Toxicological information

Information on likely routes of exposure

InhalationMay cause irritation of respiratory tract.Eye ContactIrritating to eyes.Skin ContactMay cause irritation.IngestionHarmful if swallowed.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Calcium Chloride	= 1000 mg/kg (Rat)	= 2630 mg/kg (Rat)	-
Potassium Chloride	= 2600 mg/kg (Rat)	-	-
Sodium chloride	= 3 g/kg (Rat)	> 10 g/kg(Rabbit)	> 42 g/m3 (Rat) 1 h

Symptoms related to the physical. chemical and toxicological characteristics May cause irritation to the respiratory system.

Delayed and immediate effects and also chronic effects from short and long term exposure

Eye damage/irritation	Irritating to eyes.
Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen.
Reproductive Toxicity	No information available.
STOT - single exposure	No information available.

Specifically Designed for Mineral Treated Spas

Product name

Mineral Buddies[™] Calcium Up

Revision date

10-10-16

Section 11 Toxicological information (Continued)

STOT - repeated exposure Chronic Toxicity Aspiration Hazard No information available. Avoid repeated exposure. No information available.

<u>Numerical measures of toxicity - Product</u> Acute Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity. ter 3.1 of the GHS document:

The following values are calculated based on chapter 3.1 of the GHS document:LD50 Oral979 mg/kg; Acute toxicity estimateLD50 Dermal2630 mg/kg; Acute toxicity estimate

Section 12 Ecological information

Ecotoxicity				
Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Calcium Chloride 10043-52-4		LC50 96 h: = 10650 mg/L static (Lepomis macrochirus)		LC50 48 h: = 2400 mg/L (Daphnia magna)
Potassium Chloride 7447-40-7	EC50 72 h: = 2500 mg/L (Desmodesm us subspicatus)	LC50 96 h: 750-1020 mg/L static (Pimephales promelas) LC50 96 h: = 1060 mg/L static (Lepomis macrochirus)		EC50 48 h: = 825 mg/L (Daphnia magna) EC50 48 h: = 83 mg/L Static (Daphnia magna)
Sodium chloride 7647-14-5		LC50 96 h: 5560 - 6080 mg/L flow- through (Lepomis macrochirus) LC50 96 h: = 12946 mg/L static (Lepomis macrochirus) LC50 96 h: 6020 - 7070 mg/L static (Pimephales promelas) LC50 96 h: = 7050 mg/L semi-static (Pimephales promelas) LC50 96 h: 6420 - 6700 mg/L static (Pimephales promelas) LC50 96 h: 4747 - 7824 mg/L flow-through (Oncorhynchus mykiss)		EC50 48 h: = 1000 mg/L (Daphnia magna) EC50 48 h: 340.7 - 469.2 mg/L Static (Daphnia magna)

Section 13 Disposal considerations

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging Do not re-use empty containers.

Section 14 Transport information

US DOT –	Not Regulated
TDG –	Not Regulated
MEX –	Not Regulated

Specifically Designed for Mineral Treated Spas

Product name

Mineral Buddies[™] Calcium Up

Revision date 10-10-16

Section 15 Regulatory information

International Inventories	
TSCA	Complies
DSL	Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory **DSL/NDSL -** Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Section 16 Other information

HMIS Rating

Health hazard: 1 Flammability: 0 Physical Hazard 1

NFPA Rating

Health hazard: 1 Fire Hazard: 0 Reactivity Hazard: 1

DATE OF PREPARATION 10-10-16

THE INFORMATION SUPPLIED ABOVE IS PRESENTED IN GOOD FAITH AND HAS BEEN DERIVED FROM SOURCES BELIEVED TO BE RELIABLE, HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED IS EXTENDED REGARDING ITS ACCURACY OR THE RESULTS TO BE OBTAINED FROM ITS USE SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL. ALL RISKS ARE ASSUMED BY THE USER.



Product Nan Date:	ne: Chlorinating Grant 10/29/2015	Jles	
SECTION 1	IDENTIFICATION		
Supplier:	Phoenix Products Com	Dany Distributor: Essentials	
	55 Container Drive	5070 Wallace Drive	
	Terryville, CT 06786	Cumming, GA 30041	
	(860) 589-7502	(626) 305-1182	
U.S. Emerge	ncy Telephone:	1-800-222-1222	
Product Name: Chl		Chlorinating Granules	
Synonyms:		Sodium dichloroisocyanurate dihydrate; Dichlor dihydrate; 1,3,5-Triazine- 2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt dihydrate; Troclosene sodium, dihydrate; SDCC dihydrate; NaDCC dihydrate	
Chemical Na	ime:	Sodium Dichloro-S-Triazinetrione Dihydrate	
		C ₃ N ₃ O ₃ Cl ₂ Na.2H ₂ O	
		51580-86-0	
Product Use	:	Disinfects spas and pools.	

SECTION 2 HAZARDS IDENTIFICATION



Hazard Statement(s)

H302: Harmful if swallowed

- H312: Harmful in contact with skin
- H318: Causes serious eye damage
- H330: Fatal if inhaled
- H335: May cause respiratory irritation
- H400: Very toxic to aquatic life

Precautionary Statement(s)

P221: Take any precaution to avoid mixing with other chemicals

- P260: Do not breathe dust, vapours or spray mist.
- P262: Do not get in eyes, on skin, or on clothing.

P264: Wash thoroughly with soap and water after handling.

- P280: Wear protective gloves, protective clothing, eye protection and face protection.
- P273: Avoid release to the environment

P321: Specific treatment (see First Aid Measures on this label).

P362+364: Take off contaminated clothing and wash it before reuse.

P501: Dispose of contents/container in accordance with national and international regulations

POTENTIAL HEALTH EFFECTS

Eye: This material is corrosive to the eye. Direct contact may cause severe irritation, pain and burns, possibly severe, and permanent damage including blindness. The degree of injury depends on the concentration and duration of contact.



Skin: This material is moderately irritating to the skin. Direct contact with wet material or moist skin may cause severe irritation, pain, and possibly burns. Dry material is less irritating than wet material. This material is not a skin sensitizer based on studies with guinea pigs.

SECTION 2 HAZARDS IDENTIFICATION - CONTINUED

Inhalation: This material in the form as sold is not expected to produce respiratory effects. Particles of respirable sizes are generally not encountered. The respirable fraction is typically less than 0.1% by weight for the granular and extra granular grades. If ground or otherwise in a powdered form, effects similar to a corrosive substance may occur. May cause severe irritation of the respiratory tract with coughing, choking, pain and possibly burns of the mucous membranes. If significant or prolonged exposure occurs, pulmonary edema may develop, either immediately or mor often within a period of 5-72 hours. The symptom may include tightness in the chest dyspnea, frothy sputum, cyanosis, and dizziness. Physical findings may include moist rales, low blood pressure and high pulse pressure. Severe cases may be fatal.

Ingestion: Not a likely route of exposure. Harmful if swallowed. Ingestion may cause immediate pain and severe burns of the mucous membranes. There may be discoloration of the tissues. Swallowing and speech may be difficult at first and then almost impossible. The effects on the esophagus and gastrointestinal tract may range from irritation to severe corrosion. Edema of the epiglottis and shock may occur.

Chronic Exposure/Carcinogenicity: Based on animal studies, exposure to concentrations of monosodium cyanurate at the solubility limit may cause cardiovascular, kidney and urinary bladder effects.

Aggravation of Pre-Existing Conditions: Eye disorders, respiratory disorders, skin disorders and allergies

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS				
<u>Component</u> Sodium Dichloro-S-	Triazinetrione Dihydrate	<u>CAS Number</u> 51580-86-0	Percent 99%	

SECTION 4 FIRST-AID MEASURES

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with mild soap and plenty of water for at least 15 minutes. Wash clothing before re-use. Get medical attention immediately.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Ingestion: Call poison control center, or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.



SECTION 5 FIRE FIGHTING MEASURES

Note To Physician: Probable mucosal damage may contraindicate the use of gastric lavage. **Suitable Extinguishing Media:** Water

Extinguishing Media Not To Be Used: Do not use dry chemical extinguisher containing ammonia compounds.

Fire Fighting Procedure: Cool containers with water spray. Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) in positive pressure mode. On small fires, use water spray or fog. On large fires, use heavy deluge or fog streams. Flooding amounts of water may be required before extinguishment can be accomplished.

Unusual Fire and Explosion Hazards: When heated to decomposition, may release poisonous and corrosive fumes of Nitrogen trichloride, chlorine and CO.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: For small spills in a well-ventilated areas, wear a NIOSH approved half-face or full face tight fitting respirator or a loose fitting powered air purifying respirator equipped with chlorine cartridges. Chemical goggles should be worn when using a half-face respirator. In addition to respiratory protection, wear coveralls, chemical resistant gloves, chemical resistant footwear; and chemical resistant headgear for overhead exposure. For clean-up of large spills, or small dry spills in confined areas, wear full-face respirator with chlorine cartridges or a positive pressure supplied air respirator. Additionally, body protection should be impervious clothing covering entire body to prevent personal contact with material. **CAUTION** - Protection concerns must also address the following: If this material becomes damp/wet or contaminated in a container, the formation of nitrogen trichloride gas may occur and an explosive condition may exist.

Methods For Cleaning Up: Hazardous concentrations in air may be found in local spill area and immediately downwind. If spill material is still dry, do not put water directly on this product as a gas evolution may occur. **Soil** - Do not contaminate spill material with any organic materials, ammonia, ammonium salts or urea. Clean up all spill material with clean, dry dedicated equipment and place in a clean dry container. **Water** -This material is heavier than and soluble in water. Stop flow of material into water as soon as possible. Begin monitoring for available chlorine and pH immediately. **In Air** - Vapors may be suppressed by the use of water fog.

SECTION 7 HANDLING AND STORAGE

- Handling:Do not take internally.Avoid contact with skin, eyes, and clothing.Upon contact with skin or eyes, wash off with water.
- **Storage:** Store in a dry, cool, well-ventilated area away from incompatible materials (see "materials to avoid"). Do not store at temperatures above 60°C/140°F.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION



EXPOSURE LIMITS:

COMPONENTS	ACGIH-TLV Data	OSHA (PEL) Data
SODIUM DICHLOROISOCYANURATE DIHYDRATE	Not Determined	Not Determined

<u>Ventilation Requirements</u>: Use local exhaust ventilation to minimize dust and chlorine levels where industrial use occurs. Otherwise ensure good general ventilation.

Personal Protective Equipment:

Respiratory Protection: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. When dusty conditions are encountered, wear a NIOSH/OSHA full-face respirator with chlorine cartridges for protection against chlorine gas and dust/mist pre-filter.

Hand Protection: Chemical resistant gloves

Eye Protection: Use chemical safety glasses to avoid eye contact. Where industrial use occurs, chemical goggles may be required.

Skin and Body Protection: Impervious body covering clothes, boots and neoprene apron.

Hygiene Measures: Safety shower and eye bath should be provided. Do not eat, drink or smoke until after-work showering and changing clothes.

SECTION 9 PHYSICA	L AND CHEMICAL PROPERTIES
Appearance:	White granules
Odor:	Mild chlorine-like
Boiling Point/Range:	Not Applicable
Melting Point/Range:	Not applicable
Flash Point:	Not applicable
Auto-Ignition Temperature:	Not self-ignitable
Vapour Pressure:	Not applicable under standard Conditions
Evaporation Rate (ether=1):	Not applicable under standard conditions
Vapor Density:	Not applicable under standard
Viscosity:	Not applicable
Specific Gravity:	2.0
pH Factor:	5-7
Solubility:	26.25g/100g (26°C)
Density:	Tap density = 0.974 g/mL
Decomposition Temperature:	Pour density = 1.083 g/mL kg/L Begins to lose 1 mole water at approx. 50°C; second mole water at 95°C: Decomposes at 240-250°C.

Section 10 STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Do not package in paper or cardboard. Begins to lose one mole of water at approximately 50°C.

Materials To Avoid: Organic materials, reducing agents, nitrogen containing materials, other oxidizers, acids, bases, oils, grease, sawdust, dry fire extinguishers containing monoammonium compounds.



Conditions To Avoid: Heating above decomposition temperature. **Hazardous Decomposition Products:** Nitrogen trichloride, chlorine, carbon monoxide **Hazardous Polymerization:** Will not occur.

Summary of Reactivity: Organic Peroxide: No Pyroforic: No Water Reactive: No

SECTION 11	TOXICOLOGICAL INFORMATION
Acute Toxicity:	
Rat oral LD50	1823 mg/kg
Rat dermal LD50	>2000 mg/kg
Eye irritation (rabb	it) Severe irritant
Dermal irritation (ra	abbit) Severe irritant
Dermal sensitizatio	Not a sensitizer

Immediately Dangerous To Life or Health (IDLH): No level has been established for the components or the product itself.

Chronic Toxicity: Chronic inhalation exposure may cause impairment of lung function and permanent lung damage.

Mutagenicity: Not mutagenic in five Salmonella strains with or without metabolic activation. **Carcinogenicity:** Not classified by IARC, OSHA, EPA. Not included in NTP 11th Report on Carcinogens

Reproductive Toxicity: Sodium dichloroisocyanuric acid when given orally to pregnant mice from day 6 to day 15 of gestation, did not induce any significant teratogenic effects.

SECTION 12 ECOLOGICAL INFORMATION

0.22 mg/l (rainbow trout) 0.28 mg/l (bluegill sunfish)	
0.2 mg/l	
730 mg/kg 3300 mg/kg >10,000 ppm >10,000 ppm	

SECTION 13 **DISPOSAL CONSIDERATIONS**

Waste Disposal: Care must be taken to prevent environmental contamination from the use of this material. Observe all federal, state and local environmental regulations when disposing of this material.

SECTION 14 TRANSPORTATION INFORMATION

Inner packagings not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging: **DOT: UN Number:** ORM-D



UN Proper Shipping Name:	ORM-D
Transport Hazard Class:	ORM-D
Packing Group:	ORM-D

Consumer commodity (ORM-D) means a material that is packaged and distributed in a form intended or suitable for sale through retail sales agencies or instrumentalities for consumption by individuals for purposes of personal care or household use. Valid until December 31, 2020.

Inner packagings over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging:

DOT:	UN Number: UN Proper Shipping Name: Transport Hazard Class: Packing Group:	3077 Environmentally hazardous substances, solid, n.o.s. (Sodium dichloro-s- triazinetrione dihydrate) 9 III
IMDG	: UN Number: UN Proper Shipping Name:	3077 Environmentally hazardous substances, solid, n.o.s. (Sodium dichloro-s- triazinetrione dihydrate)
	Transport Hazard Class: Packing Group: EmS Number 1: EmS Number 2:	9 III F-A S-F
IATA:	UN Number: UN Proper Shipping Name: Transport Hazard Class: Packing Group:	3077 Environmentally hazardous substances, solid, n.o.s. (Sodium dichloro-s- triazinetrione dihydrate) 9 III

SECTION 15 **REGULATORY INFORMATION**

USA

All the components of this substance are listed on or are exempt from the inventory.

- SARA (311, 312): This product is categorized as an immediate health hazard, and fire and reactivity physical hazard

- Massachusetts Right-to-Know Hazardous Substances - Listed

- Pennsylvania Right-to-Know Hazardous Substances - Listed

- Waste Classifications: If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D.

- Workplace Classification: This product is considered hazardous under the OSHA Hazard.

SECTION 16 OTHER INFORMATION

No representations or warranties, either expressed or implied, of merchant ability, fitness for a particular purpose or



any other nature are made hereunder with respect to information or the product to which information refers.

Date: 10/29/2015 Phoenix Products Company