

SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS REVISION 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

PRODUCT NAME: Shaw Pure Gas FORMULA: Preparation/Mixture

PRODUCT USE: Deodorizing (vapor) delivery system (pouch) for the generation of chlorine dioxide

for use (as control of) (to kill) (to eliminate) odor-causing bacteria, mold and mildew and chemical odors in un-occupied confined spaces; automobiles (Cars, Trucks, RV's, Trailers), commercial storage and refuse containers, boat cabins and porta-

potties [list use site] where moisture is present.

MANUFACTURER'S NAME: SP Holdings LLC

ADDRESS: 5013 E. Washington Street, Suite 130

Phoenix, AZ 85034

Safety Data Sheet Competent Person: bernie.lorenz@prokure1.com

SUPPLIER'S NAME: Shaw Industries, Inc.
ADDRESS: 616 East Walnut Avenue
Dalton, GA 30721

TELEPHONE NUMBER: 800-441-7429

EMERGENCY TELEPHONE NUMBER: Chemtrec 24 hrs: 1-800-424-9300

DATE PREPARED: November 9, 2020

Section 2: Hazards Identification

GHS Hazard Class: Combustible dust

Acute toxicity, oral (Category 4), H302 Acute toxicity, dermal (Category3), H311

Acute toxicity, inhalation; dust, mist (Category 4), H332

Skin corrosive (Category 1B), H314 Eye damage (Category 1), H318

Specific Target Organ Toxicity (repeated exposure), (Category 2), H373

Aquatic acute toxicity (Category 1), H400

GHS Label elements, including precautionary statements:

Pictograms:



Signal word: Danger

Hazard Statement(s):

May form combustible dust concentrations in air.

H323 May form combustible dust concentrations in air.

H302+H332 Harmful if swallowed or if inhaled.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H373 May cause damage to organs (Spleen) through prolonged or repeated exposure.

H400 Very toxic to aquatic life

Precautionary Statement(s):

P260 Do not breathe dust, mist.

P264 Wash hands, forearms, and exposed areas thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

Avoid release to the environment. P273

P280 Wear eye protection, face protection, protective clothing, protective gloves.

P301+P312 If swallowed: Call a poison center or doctor if you feel unwell.

P301+P330+P331 If swallowed: Rinse mouth, DO NOT induce vomiting.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with

water/shower.

P304+P340 If inhaled: Remove person to fresh air and keep at rest in a position comfortable for

breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if

> present and easy to do. Continue rinsing. Immediately call a poison center or doctor. Get medical advice if you feel unwell.

Specific treatment (see Section 4 on this SDS).

P330 Rinse mouth.

Take off immediately all contaminated clothing. P361 P363 Wash contaminated clothing before reuse.

P391 Collect spillage. P405 Store locked up.

P501 Dispose of contents/container in accordance with local, regional,

national, territorial, provincial, and international regulations.

Note: This product, in contact with air or moisture, evolves chlorine dioxide gas. The

> product is designed to generate chlorine dioxide solution when the pouch is placed is specified amount of water. The product design limits both the amount of gas generated and the rate of release. High amount of chlorine dioxide gas is fatal if

inhaled and causes severe skin burns and eye damage.

Unknown Acute Toxicity (GHS-US): Not available

NFPA RATINGS:

P310

P314 P321

COMPONENT	Health	Flammability	Reactivity	Special
	(Blue)	(Red)	(Yellow)	(White)
Shaw Pure Gas	3	0	1	

Section 3: Composition / Information on Ingredients

PRODUCT COMPOSITION	APPROX %	CAS NO.	Classification (GHS)	
Citric acid	66.8	77-92-9	Combustible dust	
			Eye Irrit. 2A, H319	
Sodium chlorite	20	7758-19-2	Ox. Sol. 1, H271	
			Acute Tox. 3 (Oral), H301	
			Acute Tox. 2 (Dermal), H310	
			Acute Tox. 2 (Inhalation:dust,mist), H330	
			Skin Corr. 1B, H314	
			Eye Dam. 1, H318	
			STOT RE 2, H373	
			Aquatic Acute 1, H400	
			Aquatic Chronic 3, H412	
Calcium chloride	13.2	10043-52-4	Eye Irrit. 2A, H319	

Toxicity data of the ingredients are demonstrated in Section 11.

Section 4: First Aid Measures

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. IF exposed or concerned:

Get medical advice/attention.

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or doctor/physician. Ventilate the area.

Skin Contact: Immediately flush skin with plenty of water for at least 60 minutes. Remove

contaminated clothing. Immediately call a POISON CENTER or doctor. Wash

contaminated clothing before reuse

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON

CENTER or doctor/physician.

Ingestion: Rinse mouth. Do not induce vomiting. Immediately call a POISON CENTER or

doctor/physician.

Most important symptoms and effects, both acute and delayed

General: Causes severe skin burns and eye damage. Harmful if swallowed. Toxic in contact

with skin. Harmful if inhaled. Causes damage to organ (spleen) through prolonged or repeated exposure. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. If chlorine dioxide gas is evolved (due to contact with air or moisture), it is fatal if inhaled and causes severe skin burns and eye damage.

Symptoms/Injuries After Inhalation: Repeated or prolonged inhalation may damage lungs. Chlorine dioxide gas is fatal if

inhaled.

Symptoms/Injuries After Skin Contact: Toxic in contact with skin. Corrosive. Causes burns.

Symptoms/Injuries After Eye Contact: Causes serious eye damage. Causes permanent damage to the cornea, iris, or

conjunctiva

Symptoms/Injuries After Ingestion: Harmful if swallowed. May cause burns or irritation of the linings of the mouth, throat,

and gastrointestinal tract.

Chronic Symptoms: Causes damage to organs (Spleen) through prolonged or repeated exposure.

Indication of any immediate medical attention and special treatment needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

Section 5: Fire-fighting Measures

Extinguishing Media

Suitable extinguishing media:Dry chemical, carbon dioxide (CO2), water spray, fog (flooding amounts)Unsuitable extinguishing media:Do not use a heavy water stream. Heavy stream of water may spread fire

Special hazards arising from the substance or mixture

Fire Hazard: Not flammable but will support combustion.

Explosion Hazard: Product itself is not explosive but if dust is generated, dust clouds suspended

in air can be explosive

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Protective actions fire-fighters

Use water spray or fog for cooling exposed containers. In case of major fire

and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Do not allow run-off from firefighting to enter drains or water sources. Do not breathe fumes from fires or vapors from decomposition. Closed containers exposed to heat may explode. Do not enter fire area without proper protective equipment, including respiratory protection.

Further information None.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Do not get in eyes, on skin, or on clothing. Do not breathe dust or fumes. Keep away from heat, sparks, open flames, hot surfaces – No smoking. Eliminate every possible source of ignition. Evacuate danger area.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Environmental Precautions

Prevent entry to storm drains and public waters.

Methods and materials for containment and cleaning up

As an immediate precautionary measure, isolate spill or leak area in all directions. Contain and collect as any solid. Clean up spills immediately and dispose of waste safely. Take up with inert, damp, non-combustible material using clean non-sparking tools and place into loosely covered plastic containers for later disposal. Contact competent authorities after a spill.

Reference to other Sections

For personal protection reference section 8. For disposal reference section 13.

Section 7: Handling and Storage

Precautions for safe handling:

Do not handle until all safety precautions have been read and understood. Do not breathe dust. Keep away from heat, sparks, open flames, hot surfaces. – No smoking. Do not allow contact with incompatible materials (see section 10). Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Container remains hazardous when empty. Continue to observe all precautions. Ensure all national/local regulations are observed. Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Keep/Store away from direct sunlight, extremely high or low temperatures, and incompatible materials. Store locked up. Strong acids. Strong bases. Strong oxidizers. Combustible materials. May react with moisture. Flammable materials. Organic compounds. Wood. Oils and lubricants.

Specific uses

Deodorizing delivery system (pouch) for the generation of chlorine dioxide for use as control of odor-causing bacteria, mold and mildew and chemical odors in un-occupied confined spaces; automobiles (Cars, Trucks, RV's, Trailers), commercial storage and refuse containers where moisture is present.

Section 8: Exposure Controls/Personal Protection

Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Ontario, for Calcium chloride:

OEL TWA (mg/m³):

Exposure Controls

Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Proper grounding procedures to avoid static electricity should be followed. Ensure all national/local regulations are observed. It is recommended that all dust control equipment—such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or—an explosion suppression system or an oxygen-deficient environment.

Personal Protective Equipment:

Gloves. Protective goggles. Face shield. Protective clothing. Insufficient ventilation: wear respiratory protection.



 $5mg/m^3$









Materials for Protective Clothing: Hand Protection: Eye Protection: Skin and Body Protection: Respiratory Protection: Chemically resistant materials and fabrics. Wear chemically resistant protective gloves. Chemical safety goggles and face shield. Wear suitable protective clothing.

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Consumer Exposure Controls: Do not eat, drink or smoke during use Other Information: When using, do not eat, drink or smoke.

Section 9: Physical and Chemical Properties

APPEARANCE - COLOR: White powder PHYSICAL STATE: Solid ODOR: Chlorine ODOR THRESHOLD: Not available pH: Not available MELTING POINT/FREEZING POINT: Not available INITIAL BOILING POINT AND BOILING RANGE: Not available FLASH POINT: Not available **EVAPORATION RATE:** Not available FLAMMABILITY (Solid, gas): Not available UPPER/LOWER FLAMMABILITY OR EXPOLSIVE LIMITS: Not available Not available VAPOR PRESSURE: VAPOR DENSITY (AIR = 1): Not available RELATIVE DENSITY (@25 °C): Not available Soluble in water SOLUBILITY (IES): OXIDIZING PROPERTIES: Not available PARTITION COEFFICIENT: n-octanol/water: Not available Not available AUTO IGNITION TEMPERATURE: DECOMPOSITION TEMPERATURE: Not available VISCOSITY: Not available

EXPLOSIVE PROPERTY: Heating may cause a fire or explosion EXPLOSION DATA: Static discharge could act as an ignition source

Section 10: Stability and Reactivity

REACTIVITY: Acidic salts, such as SODIUM BISULFATE, are generally soluble in water. The

resulting solutions contain moderate concentrations of hydrogen ions and have pH's of less than 7.0. They react as acids to neutralize bases. May catalyze organic reactions. Increased risk of explosion if mixed with ethanol. If compressed and mixed with calcium hypochlorite, sodium hydrogen sulfate, starch, and sodium carbonate, materials will incandescence and explode. SODIUM CHLORITE is self-reactive. The trihydrate crystals of sodium chlorite explode on percussion. Sodium chlorite reacts with acids to form spontaneously explosive chlorine dioxide gas (ClO₂). If heated above 175 °C, the reaction yields enough heat to become self-sustaining. Ammonia with chlorites produces ammonium chlorite, which is a shock-sensitive compound. Finely divided metallic or organic substances, if mixed with chlorites, are highly flammable and may be ignited on friction. A mixture of organic matter and sodium chlorite can be extremely sensitive to heat, impact, or friction. Sodium chlorite reacts very violently with organic materials containing

divalent sulfur or with free sulfur (may ignite).

CHEMICAL STABILITY: Stable under recommended handling and storage conditions (see section 7).

CONDITIONS TO AVOID: Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Overheating.

Open flame.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids. Strong bases. Strong oxidizers. Combustible materials. May react with

moisture. Flammable materials. Organic compounds. Wood. Oils and lubricants.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition generates: Corrosive vapors. Chlorine. Sodium oxides.

Sulfur compounds. Carbon oxides (CO, CO₂).

HAZARDOUS POLYMERIZATION: Will not occur

Section 11: Toxicological Information

There is no toxicological information available for the product or mixture.

	GHS Required Criteria	Toxicity Criteria	Data	Comments	Chemical Constituent	
	Acute Toxicity	ATE _{mix} , oral	825 mg/kg		Product	
	•	ATE _{mix} , dermal	536 mg/kg		Product	
		ATE _{mix} , dust/mist	1.15 mg/l/4hr		Product	
		LD ₅₀ Oral Rat	165m mg/kg		Sodium chlorite	
_	1.0				CD II II	

	LD ₅₀ Dermal Rabbit LC ₅₀ Inhalation Rat LD ₅₀ Oral Rat LD ₅₀ Dermal Rat LD ₅₀ Oral Rat LD ₅₀ Dermal Rat LD ₅₀ Dermal Rat LD ₅₀ Dermal Rabbit	107.2 mg/kg 230 mg/m³ (4hr) 5,400 mg/kg >2,000 mg/kg 2301 mg/kg 2630 mg/kg >5,000 mg/kg		Sodium chlorite Sodium chlorite Citric acid Citric acid Calcium chloride Calcium chloride Calcium chloride
Skin Corrosion/Irritation			Cause severe skin burn and eye damage	Product
Serious Eye Damage / Eye Irritation			Cause serious eye damage	Product
Respiratory or Skin Sensitization		Not classified		Product
Germ Cell Mutagenicity		Not classified		Product
Carcinogenicity		Not classified		Product
STOST Single Exposure		Not classified		Product
STOST – Repeated Exposure			May cause damage to organs through prolonged or repeated exposure.	Product
Aspiration Hazard		Not classified		Product

ATE_{mix}= Acute Toxicity Estimate of Mixture STOST = Specific Target Organ Systemic Toxicity

OTHER INFORMATION:

Symptoms/Injuries After Inhalation: Repeated or prolonged inhalation may damage lungs.

Symptoms/Injuries After Skin Contact: Toxic in contact with skin. Corrosive. Causes burns.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Harmful if swallowed. May cause burns or irritation of the linings of the mouth,

throat, and gastrointestinal tract.

Chronic Symptoms: Causes damage to organs (Spleen) through prolonged or repeated exposure.

Section 12: Ecological Information

	Environmental Impacts	Chemical Constituents
Toxicity	LC ₅₀ Fish 1: 100-500mg/L (96hr, Brachydanio rerio [static])	Sodium chlorite
•	EC ₅₀ Daphnia1: 0.026mg/L (48hr, Daphnia magna)	Sodium chlorite
	LC ₅₀ Fish 2: >100mg/L (96hr, Lepomis macrochirus [static])	Sodium chlorite
	EC ₅₀ Daphnia2: 0.25-0.33mg/L (48hr, Daphnia magna [Flow through])	Sodium chlorite
	LC ₅₀ Fish1: 1516 mg/L (96hr, Lepomis macrochirus [static])	Citric acid
	LC ₅₀ Fish1: 10650 mg/l (96 h,Lepomis macrochirus [static])	Calcium chloride
	EC ₅₀ Daphnia1: 2400 mg/l (48 h, Daphnia magna)	Calcium chloride
Bioaccumulative potential	-1.72 (at 20 °C)	Citric acid
_	BCF Fish 1: no bioaccumulation	Calcium chloride
Persistence and degradability:	Readily biodegradable in water.	Citric acid
Mobility in soil:	No information is available.	
PBT and vPvB assessment:	No information is available.	
Other adverse effects:	Avoid release to the environment	Product

Section 13: Disposal Considerations

Waste from residues/unused products

This material is hazardous to the aquatic environment. Keep out of storm drains and waterways. Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Contaminated packaging

Contaminated packaging material should be disposed of as stated above for residues and unused product.

Section 14: Transport Information

In accordance with ICAO/IATA/DOT/TDG/IMDG

UN Number

 UN Number (DOT):
 UN2923

 DOT NA no.:
 UN2923

 UN Number (TDG):
 UN2923

 UN Number (IMDG):
 UN2923

 UN Number (IATA):
 UN2923

UN Proper Shipping Name

Proper Shipping Name (DOT):

Proper Shipping Name (TDG):

Proper Shipping Name (IATA):

Proper Shipping Name (IMDG):

Transport Document Description (DOT):

Transport Document Description (TDG):

Transport Document Description (Adr)(IMDG/IATA):

Transport Hazard Class(es)

Hazard Classes (DOT): Hazard Labels (DOT):

DOT Symbols: Packing Group (DOT): DOT Special Provisions (49CFR172.102): CHLORITE), 8; 6.1, II, Marine Pollutant. CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant. CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM

CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM CHLORITE), 8; 6.1, II, Marine Pollutant.

CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM

CHLORITE), 8; 6.1, II, Marine Pollutant.

CORROSIVE SOLIDS, TOXIC, N.O.S., (SODIUM

CHLORITE), 8; 6.1, II, Marine Pollutant.

 $CORROSIVE\ SOLIDS,\ TOXIC,\ N.O.S.,\ (SODIUM$

CHLORITE), 8; 6.1, II, Marine Pollutant.

8 - Class 8 - Corrosive Material, 49CFR173.136

8 – Corrosive





G – Identifies PSN requiring a technical name.

II - Medium Danger

IB8 – Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2).

IP2 – When IBCs other than metal or rigid plastics IBCs are used, they must be offered for transportation in a closed freight container or a closed transport vehicle.

IP4 – Flexible, fiberboard or wooden IBCs must be sift-proof and water- resistant or be fitted with a sift-proof and water-resistant liner.

T3 - 2.65 178.274(d)(2) Normal......178.275(d)(2)

TP33 – The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent

DOT Packaging Exceptions (49CFR173.XXX): DOT Packaging Non Bulk (49CFR173.XXX): DOT Packaging Bulk (49CFR173.XXX):

TDG Primary Hazard Classes: TDG Subsidiary Classes: Hazard Labels (TDG):

Packing Group(TDG):
TDG Special Provisions:

related to the

Explosive Limit And Limited Quantity Index: Passenger Carrying Road Vehicle or Passenger: Carrying Railway Vehicle Index Class (IMDG): Subsidiary Risks (IMDG): Danger Labels (IMDG):

Packing Group (IMDG):

Class (IATA): Subsidiary Risks (IATA): Hazard Labels (IATA): requirements for minimum shell thickness, maximum allowable working pressure, pressure- relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.

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212 240

8-Corrosives

6.1 – Toxic

8 - Corrosive substances

6.1 - Toxic substances



II - Medium Danger

16 - 1). The technical name of the most dangerous substance

primary class must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(i)(A) of Part 3, Documentation. The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4, Dangerous Goods Safety Marks.

2). subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical: a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.; b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.; c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.; d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. An example in Canada is the "Food and Drugs Act".

1 15

8 - Corrosive substances

6.1 - Toxic substances

8 - Corrosive substances, 6.1 - Toxic substances



II – Medium Danger

8 – Corrosive substances

6.1

8 – Corrosive substances, 6.1 – Toxic substances



Packing Group (IATA): II – Medium Danger

Marine Pollutant: P



Additional Information

Emergency Response Guide (ERG) Number: 133

Additional Information: This Product meets the limited quantities as follows: DOT – Not

regulated as dangerous goods when shipped in inner packagings equal to or less than 1 kg. Otherwise, the above descriptions

apply.

Transport by Sea

DOT Vessel Stowage Location:

B-(i). The material may be stowed ''on deck'' or ''under deck'' on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) ''On deck only'' on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is

DOT Vessel Stowage Other: 40 – Stow "clear of living quarters"

Subsidiary Risks (IMDG): 6.1 **Limited Quantities (IMDG):** 1kg **Special Provisions (IMDG):** 274 **Excepted Quantities (IMDG):** E2 **IBC Packing Instructions (IMDG):** IBC08 **IBC Special Provisions (IMDG):** B2, B4 **Packing Instructions (IMDG):** P002 **Tank Instructions (IMDG):** T3 Tank Special Provisions (IMDG): **TP33 Stowage Category (IMDG):** В EMS-NO. (Fire): F-A MFAG-NO: 154 EMS-NO. (Spillage): S-B

Air Transport

DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 173.27): 15kg **DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75):** 50kg Subsidiary Risks (IATA): 6.1 **CAO Packing Instruction (IATA):** 863 **CAO Max Net Quantity (IATA):** 50kg 859 **PCA Packing Instruction (IATA): PCA Limited Quantities (IATA):** Y844 **PCA Limited Quantity Max Net Quantity (IATA):** 5kg **PCA Max Net Quantities (IATA):** 15kg **PCA Excepted Quantities (IATA):** E2 **CAO Max Net Quantity (IATA):** 50kg **CAO Packing Instructions (IATA):** 863 **Special Provision (IATA):** A3, A803 **ERG Code (IATA):**

Section 15: Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

All components are listed on TSCA.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) Section 311-312 Hazard Class

Delayed (chronic) health hazard Product Immediate (acute) health hazard Product

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:

Massachusetts's hazardous substance(s):

Pennsylvania hazardous substance code(s):

New Jersey

Sodium chlorite
Sodium chlorite

CANADA:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

WHMIS-INFORMATION:

WHMIS Classification for

Product: Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects

Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Class E - Corrosive Material

Sodium chlorite: Class C - Oxidizing Material

Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects

Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Class E - Corrosive Material

Citric acid: Class D Division 2 Subdivision B - Toxic material causing other toxic effects Calcium chloride: Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Section 16: Other Information

Revision Number: 8.0

Revision explanation Replaced sewers with storm drains in sections 6 and 13. Storm drain is more accurate and descriptive.

Information Sources: RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of SP Holdings LLC's knowledge; however, SP Holdings LLC makes no warranty whatsoever, expressed or implied, of MERCHANTIBILITY or FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. SP Holdings LLC assumes no responsibility for the injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.