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SECTION 1. IDENTIFICATION

Product identifier Trade name

: PULSAR CALCIUM HYPOCHLORITE GRANULAR

Recommended use of the chemical and restrictions on use

Use of the Substance/Mixture : Pesticide

Details of the supplier of the safety data sheet Innovative Water Care, LLC 1400 Bluegrass Lakes Parkway	Emergency telephone number 1-800-654-6911 (Outside the USA:1-423-780- 2970)
Alpharetta, GA 30004 United States of America (USA)	Product Information 1-800-511-6737 (Outside the USA:1-423-780- 2347)
EHSProductSafetyTeam@solenis.com	

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Oxidizing solids	:	Category 2
Acute toxicity (Oral)	:	Category 4
Skin corrosion	:	Category 1B
Serious eye damage	:	Category 1
Specific target organ toxicity - single exposure	:	Category 3 (Respiratory system)
GHS label elements Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H272 May intensify fire; oxidizer. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H335 May cause respiratory irritation.
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Precautionary statements

Prevention:

P210 Keep away from heat.

P220 Keep/ Store away from clothing/ combustible materials. P221 Take any precaution to avoid mixing with combustibles. P260 Do not breathe dust.

P264 Wash skin thoroughly after handling.

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

P271 Use only outdoors or in a well-ventilated area.

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

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON
CENTER/ doctor if you feel unwell. Rinse mouth.
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 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P363 Wash contaminated clothing before reuse. P370 + P378 In case of fire: Use water spray to extinguish.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

: Mixture

Components

Chemical name	CAS-No.	Classification	Concentration (%)
CALCIUM HYPOCHLORITE	7778-54-3	Ox. Sol. 2; H272	>= 60 - < 70
		Acute Tox. 4; H302	
		Skin Corr. 1B; H314	
		Eye Dam. 1; H318	
		STOT SE 3; H335	

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CALCIUM CHLORIDE	10043-52-4	Eye Irrit. 2A; H319	>= 1.5 - < 5
CALCIUM HYDROXIDE	1305-62-0	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	>= 1.5 - < 5
CALCIUM CARBONATE	471-34-1		>= 1.5 - < 5

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.	
If inhaled	:	Move to fresh air. Keep patient warm and at rest. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.	
In case of skin contact	:	If on skin, rinse well with water. Wash contaminated clothing before re-use. If on clothes, remove clothes.	
In case of eye contact	:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye.	
If swallowed	:	Get medical attention immediately. Do NOT induce vomiting. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.	
Most important symptoms and effects, both acute and delayed	:	Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea) irritation (nose, throat, airways) discomfort in the chest bronchitis Headache Shortness of breath	
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lung edema (fluid buildup in the lung tissue) Pulmonary edema may be delayed. Harmful if swallowed. Causes serious eye damage. May cause respiratory irritation. Causes severe burns.

Notes to physician : Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water
Unsuitable extinguishing media	:	Dry extinguishers containing ammonium compounds.
Specific hazards during firefighting	:	May intensify fire, oxidizer. Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	:	Chlorine
Further information	:	Use water to cool containers exposed to fire.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Comply with all applicable federal, state, and local regulations.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Sweep up and shovel using a clean broom or shovel. Shovel material into clean dry containers. All spills of this product should be treated as contaminated. Contaminated product may initiate a chemical reaction that may spontaneously ignite any combustible material present, resulting in a fire. Avoid getting spilled product wet. Do not seal disposal containers tightly. Immediately remove all product in disposal containers to an isolated area outdoors.

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SECTION 7. HANDLING AND STORAGE

:	Keep away from combustible material. Provide appropriate exhaust ventilation at places where dust is formed.
:	 Avoid dust formation. Provide sufficient air exchange and/or exhaust in work rooms. Do not breathe vapours/dust. Do not smoke. Container hazardous when empty. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Dispose of rinse water in accordance with local and national regulations.
:	Store in original container.
	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
:	<= 95 °F / <= 35 °C
:	Do not store next to a heat source, in direct sunlight, or elevated temperatures. Do not store where the daily average temperature exceeds prescribed storage temperature for 7 consecutive days. Prevent ingress of humidity and moisture into container or package. Keep containers tightly closed.
	Maximum average daily temperature as recommended(where the average daily temperature may be obtained by averaging the minimum and maximum temperatures for each day). Storage above this temperature may result in rapid decomposition, evolution of chlorine gas and heat sufficient to ignite combustible products.
	:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components CAS-No.	Value type (Form of	Control parameters /	Basis	
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		exposure)	Permissible concentration	
CALCIUM HYDROXIDE	1305-62-0	TWA	5 mg/m3	ACGIH
		TWA	5 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA	5 mg/m3	OSHA P0
CALCIUM CARBONATE	471-34-1	TWA (Respirable)	5 mg/m3 (Calcium carbonate)	NIOSH REL
		TWA (total)	10 mg/m3 (Calcium carbonate)	NIOSH REL

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment

Respiratory protection	:	In the case of dust or aerosol formation use respirator with an approved filter. Dust safety masks are recommended when the dust concentration is more than 10 mg/m3.
Hand protection		
Remarks	:	The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection	:	Safety glasses
Skin and body protection	:	Wear as appropriate: Chemical resistant apron Safety shoes Dust impervious protective suit Flame-resistant clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place. Wear resistant gloves (consult your safety equipment supplier). Discard gloves that show tears, pinholes, or signs of wear.
Hygiene measures	:	Avoid breathing dust. Wash hands before breaks and at the end of workday.

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When using do not eat or drink. Ensure that eyewash stations and safety showers are close to the workstation location. When using do not smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	granular
Colour	:	off-white
Odour	:	chlorine-like
Odour Threshold	:	No data available
рН	:	11 (77 °F / 25 °C) Concentration: 1 %
Melting point/freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not combustible Dust
Self-ignition	:	No data available
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Relative density	:	No data available
Density	:	0.8 g/cm3
Solubility(ies) Water solubility	:	180 g/l (77 °F / 25 °C)
Solubility in other solvents	:	No data available

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Partition coefficient: n- octanol/water	No data available	
Decomposition temperature	No data available	
Viscosity Viscosity, dynamic	No data available	
Viscosity, kinematic	No data available	
Oxidizing properties	The substance or mixture is classified as oxidizing v category 2.	with the
Particle size	No data available	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under recommended storage conditions.
Conditions to avoid	:	Avoid heat, open flame, and prolonged storage at elevated temperatures. excessive heat Exposure to moisture
		Keep away from heat, flame, sparks and other ignition sources.
Incompatible materials	:	Do not allow product to come in contact with other materials, including e.g. other pool treatment products, acids, organic materials, nitrogen-containing compounds, dry powder fire extinguishers (containing mono-ammonium phosphate), oxidizers, all corrosive liquids, flammable or combustible materials, etc. A chemical reaction with such substances can cause a fire.
		If product is exposed to small amounts of water, it can react violently to produce heat and toxic gases and spatter.
Hazardous decomposition products	:	Chlorine

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if swallowed.

Components:

CALCIUM HYPOCHLORITE:

Acute oral toxicity

: LD50 (Rat): 850 mg/kg

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Acute inhalation toxicity	:	Assessment: Corrosive to the respiratory tract.
Acute dermal toxicity	:	LD50 (Rabbit): > 2 g/kg
CALCIUM CHLORIDE: Acute oral toxicity		LD50 (Rat): 2,301 mg/kg
Acute dermal toxicity	:	LD50 (Rabbit): > 5,000 mg/kg
CALCIUM HYDROXIDE: Acute inhalation toxicity	:	Remarks: Corrosive to respiratory system.
CALCIUM CARBONATE:		
Acute oral toxicity	:	LD50 (Rat): 6,450 mg/kg
Acute inhalation toxicity	:	LC 50 (Rat): > 3 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 Assessment: Not classified as acutely toxic by inhalation under GHS. Remarks: Aerosol
Acute dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermal toxicity
Skin corrosion/irritation Causes severe burns.		
<u>Product:</u> Remarks	:	Causes severe skin burns and eye damage.
Components:		
CALCIUM HYPOCHLORITE: Result	:	Corrosive after 3 minutes to 1 hour of exposure
CALCIUM CHLORIDE: Result	:	Not irritating to skin
CALCIUM HYDROXIDE: Result	:	Irritating to skin
CALCIUM CARBONATE: Result	:	Not irritating to skin

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Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks

: May cause irreversible eye damage.

Components:

CALCIUM HYPOCHLORITE: Result		Corrosive to eyes
CALCIUM CHLORIDE: Result	:	Severely irritating to eyes

CALCIUM HYDROXIDE:

Result	:	Corrosive to eyes
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CALCIUM CARBONATE:

Result :	:	Not irritating to eyes
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Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

- IARC 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.
- **OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
- **NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

May cause respiratory irritation.

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Components:

CALCIUM HYPOCHLORITE:

Assessment : May cause respiratory irritation.

CALCIUM HYDROXIDE:

Assessment

: May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks

: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity		
Product:		
Ecotoxicology Assessment Acute aquatic toxicity	:	Acute aquatic toxicity Category 1; Very toxic to aquatic life.
Chronic aquatic toxicity	:	Not classified based on available information.
Components:		
CALCIUM HYPOCHLORITE:		
Toxicity to fish	:	LC50 (Lepomis macrochirus (Bluegill sunfish)): 0.049 - 0.16 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.067 mg/l Exposure time: 48 h
CALCIUM CHLORIDE:		
Toxicity to fish	:	LC50 (Bluegill (Lepomis macrochirus)): 9,500 mg/l Exposure time: 96 h Method: Static Remarks: Mortality
Toxicity to daphnia and other aquatic invertebrates	:	LC 50 (Water flea (Ceriodaphnia dubia)): 1,770 - 2,030 mg/l Exposure time: 48 h Method: Static

Remarks: Mortality

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CALCIUM CARBONATE:		
Toxicity to fish	:	LC50 (Gambusia affinis (Mosquito fish)): > 56,000 mg/l Exposure time: 96 h Test Type: static test
Persistence and degradabili	ity	
Components:		
CALCIUM HYPOCHLORITE: Biodegradability	÷	Result: The methods for determining biodegradability are r applicable to inorganic substances.
CALCIUM CHLORIDE: Biodegradability	:	Result: The methods for determining biodegradability are r applicable to inorganic substances.
CALCIUM HYDROXIDE: Biodegradability	:	Result: The methods for determining biodegradability are r applicable to inorganic substances.
Bioaccumulative potential No data available		
Mobility in soil No data available		
Other adverse effects		
Product:		
Additional ecological information	:	An environmental hazard cannot be excluded in the event unprofessional handling or disposal. Very toxic to aquatic life.

Disposal methods:The product should not be allowed to enter drains, water
courses or the soil.
Do not contaminate ponds, waterways or ditches with
chemical or used container.Dispose of in accordance with all applicable local, state and
federal regulations.Contaminated packaging:Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste

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handling site for recycling or disposal. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN number Proper shipping name Class Packing group Marine pollutant	 : UN 2880 : Calcium hypochlorite, hydrated mixture : 5.1 : II : no
IMDG-Code UN number Proper shipping name	: UN 2880 : Calcium hypochlorite, hydrated mixtures

Proper shipping name	: Calcium hypochlorite, hydrated mixtures
Class	: 5.1
Packing group	: 11
EmS Code	: F-H, S-Q
Marine pollutant	: yes

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

Not applicable for product as supplied.

National Regulations

49 CFR		
UN number	:	UN 2880
Proper shipping name	:	CALCIUM HYPOCHLORITE, HYDRATED MIXTURE
Class	:	5.1
Packing group	:	II
ERG Code	:	140
Marine pollutant	:	yes

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ	Calculated product RQ
		(lbs)	(lbs)
CALCIUM HYPOCHLORITE	7778-54-3	10	14

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SARA 304 Extremely Hazardo	ous Substances	Reportable Q	uantity		
This material does not contain a		•	•	RQ.	
SARA 302 Extremely Hazardo	ous Substances	Threshold Pla	anning Qu	uantity	
This material does not contain a	any components	with a section	302 EHS 1	TPQ.	
SARA 311/312 Hazards	Acute toxicity Skin corrosion Serious eye d	Oxidiser (liquid, solid or gas) Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Specific target organ toxicity (single or repeated exposure)			
SARA 313	known CAS n	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.			
US State Regulations					
Massachusetts Right To Know	w				
calcium hypochlorite CALCIUM HYDROXI CALCIUM CHLORA				7778-54-3 1305-62-0 10137-74-3	
Pennsylvania Right To Know					
calcium hypochlorite SODIUM CHLORIDE WATER	E DE			7778-54-3 7647-14-5 7732-18-5 1305-62-0	

New Jersey Right To Know

calcium hypochlorite	7778-54-3
SODIUM CHLORIDE	7647-14-5
WATER	7732-18-5
calcium chloride	10043-52-4
CALCIUM HYDROXIDE	1305-62-0
CALCIUM CARBONATE	471-34-1
CALCIUM CHLORATE	10137-74-3

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

The components of this product are reported in the following inventories:

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: Exempt
AIIC	: On the inventory, or in compliance with the inventory
DSL	: Exempt
ENCS	: On the inventory, or in compliance with the inventory

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KECI	:	On the inventory, or in compliance with the inventory
PICCS	:	On the inventory, or in compliance with the inventory
IECSC	:	On the inventory, or in compliance with the inventory

TSCA list

Exempt- This product is exempt from Significant New Use Rule requirements. See information under Biocides for product registration information."

Exempt-This product is exempt from TSCA 12(b) requirements. See information under Biocides for product registration information."

Biocides

EPA Reg. # 1258-427

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Danger, Highly Corrosive., Causes skin and eye damage., May be fatal if swallowed., Irritating to nose and throat.

SECTION 16. OTHER INFORMATION

Further information		
Revision Date	:	01/23/2023
Full text of H-Statements		
H272	:	May intensify fire; oxidizer.
H302	:	Harmful if swallowed.
H314	:	Causes severe skin burns and eye damage.
H315	:	Causes skin irritation.
H318	:	Causes serious eye damage.
H319	:	Causes serious eye irritation.
H335	:	May cause respiratory irritation.
Full text of other abbreviation	าร	
Acute Tox.	:	Acute toxicity
Eye Dam.	:	Serious eye damage
Eye Irrit.	:	Eye irritation
Ox. Sol.	:	Oxidizing solids
Skin Corr.	:	Skin corrosion
Skin Irrit.	:	Skin irritation
STOT SE	:	Specific target organ toxicity - single exposure

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ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	: USA. NIOSH Recommended Exposure Limits
OSHA P0	: USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / TWA	: 8-hour, time-weighted average
NIOSH REL / TWA	: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
OSHA P0 / TWA	: 8-hour time weighted average
OSHA Z-1 / TWA	: 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN -Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL -Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS -Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS -Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System: GLP - Good Laboratory Practice: HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA -International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature: SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Sources of key data used to compile the Safety Data Sheet Key literature references and sources of data SOLENIS Internal data SOLENIS internal data including own and sponsored test reports The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

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	Print Date: 04/17/2023
	SDS Number: R1600746
PULSAR CALCIUM HYPOCHLORITE GRANULAR	Version: 1.3
886940	

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