

SAFETY DATA SHEET

Date Issued : 08/04/2021
 SDS No. : Pleatco Spa FilterWash

Pleatco Spa FilterWash

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Pleatco Spa FilterWash
GENERAL USE: Cartridge Cleaner

DISTRIBUTOR

Pleatco, LLC.
 5500 Shepherdsville Road
 Suite 100
 Louisville, KY 40228
Product Stewardship: (502) 240-0443
Web: Pleatco.com

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Corrosive to Metals, Category 1

Health:

Skin Corrosion, Category 1A
 Eye Damage, Category 1
 Target Organ Toxicity (Single exposure), Category 3 (Respiratory system)

GHS LABEL

May form combustible dust concentrations in air.



Corrosion

Exclamation
mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H318: Causes serious eye damage.
 H314: Causes severe skin burns and eye damage.
 H290: May be corrosive to metals.
 H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENT(S)**General:**

P390: Absorb spillage to prevent material damage.
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P310: Immediately call a POISON CENTER/doctor/...
 P234: Keep only in original packaging.
 P321: Specific treatment (see ... on this label).
 P406: Store in a corrosion resistant/...container with a resistant inner liner.
 P403+P233: Store in a well-ventilated place. Keep container tightly closed.
 P405: Store locked up.
 P271: Use only outdoors or in a well-ventilated area.
 P264: Wash ... thoroughly after handling.
 P363: Wash contaminated clothing before reuse.

SAFETY DATA SHEET

Date Issued : 08/04/2021
SDS No. : Pleatco Spa FilterWash

Pleatco Spa FilterWash

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P501: Dispose of contents/container to ...

HAZARDS NOT OTHERWISE CLASSIFIED: Contact with acids liberates toxic gas.

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed. Prevent dust accumulation (to minimize explosion hazard). Avoid generating dust.

IRRITANCY: Exposure may aggravate pre-existing eye, skin, or respiratory concerns.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Trade Secret	38	-----
Trade Secret	26	-----
Trade Secret	18	-----
Trade Secret	18	-----

COMMENTS: SDS indicates the ingredient name and/or exact percentage is being withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do so. Continue rinsing. Seek immediate medical attention/advice.

SKIN: Immediately remove contaminated clothing. Brush off loose particles from skin. Rinse immediately with plenty of water for at least 15 minutes. Get immediate medical advice/attention if irritation occurs.

INGESTION: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

INHALATION: Remove from area to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available. Get immediate medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Causes permanent damage to the cornea, iris, or conjunctiva.

SKIN: Causes severe irritation which will progress to chemical burns.

INGESTION: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

INHALATION: Irritation of the respiratory tract and the other mucous membranes. May be corrosive to the respiratory tract. Dust may be harmful or cause irritation.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire. Do not use a heavy water stream. Use of heavy stream may spread fire.

HAZARDOUS COMBUSTION PRODUCTS: Sulfur oxides. Smoke. Oxides of silicon and carbon. Sodium oxides.

EXPLOSION HAZARDS: Contact with metallic substances may release flammable hydrogen gas. Dust explosion hazard in air. Exothermic reaction with water.

FIRE FIGHTING PROCEDURES: Use water spray or fog for cooling exposed containers.

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

FIRE EXPLOSION: Combustible dust.

HAZARDOUS DECOMPOSITION PRODUCTS: May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction. Contact with water liberates toxic gas.

6. ACCIDENTAL RELEASE MEASURES

SAFETY DATA SHEET

Date Issued : 08/04/2021

SDS No. : Pleatco Spa FilterWash

Pleatco Spa FilterWash

SMALL SPILL: Clean up spills immediately and dispose of waste safely. Do not use water for cleaning. Absorb spillage to prevent material damage. Use explosion proof vacuum during clean-up, with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use only non-sparking tools. Contact competent authorities after a spill.

LARGE SPILL: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Avoid generation of dust during clean-up of spills.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid runoff to waterways and sewers.

GENERAL PROCEDURES: Do not breathe dust. Do not get in eyes, on skin or on clothing. Avoid generating dust. Remove ignition sources. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: May be corrosive to metals. May release corrosive vapors. Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations. Do not mix with acids. Contact with acids liberates toxic gas. Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, and lighting equipment. Proper grounding procedures to avoid static electricity should be followed.

HANDLING: Handle in accordance with good industrial hygiene and safety procedures. Avoid creating or spreading dust. Do not breathe dust. Do not get in eyes, on skin or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Handle empty containers with care because they may still present a hazard.

STORAGE: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area. Store in original container or corrosive resistant and/or lined container. Store in corrosive resistant container with a resistant inner liner. Incompatible Materials include: Strong acids, strong bases, and strong oxidizers. Metals. May be corrosive to metals. Moisture. Water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Trade Secret	OSHA PEL	TWA	ppm [1]	mg/m ³ [1]
		STEL	ppm	mg/m ³
	ACGIH TLV	TWA	ppm	mg/m ³
		STEL	ppm	mg/m ³
	Supplier OEL	TWA	NL ppm	NL mg/m ³
		STEL	NL ppm	NL mg/m ³
Trade Secret	OSHA PEL	TWA	[2]	[2]
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Trade Secret	OSHA PEL	TWA	[3]	[3]
	ACGIH TLV	TWA	[4]	[4]

Footnotes:

1. This material meets the definition as an Irritant as defined in OSHA's Hazard Communication Standard.
2. NL = Not Listed
3. 5 mg/m³ (respirable dust)
4. Not established. Use TLV for Nuisance dusts of 5 mg/m³.

SAFETY DATA SHEET

Date Issued : 08/04/2021

SDS No. : Pleatco Spa FilterWash

Pleatco Spa FilterWash

ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. 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

EYES AND FACE: Chemical goggles and face shield are recommended.

SKIN: Wear suitable protective clothing to minimize skin contact.

RESPIRATORY: If dusting occurs, wear a NIOSH approved respirator.

PROTECTIVE CLOTHING: Chemically resistant materials and fabrics. Corrosion-proof clothing.

WORK HYGIENIC PRACTICES: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Characteristic

COLOR: White

PHYSICAL STATE COMMENTS: Crystalline solid, crystalline powder.

SOLUBILITY IN WATER: Easily soluble

10. STABILITY AND REACTIVITY

REACTIVITY: May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction. Contact with water liberates toxic gas.

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable under normal conditions of use and storage.

CONDITIONS TO AVOID: Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).

POSSIBILITY OF HAZARDOUS REACTIONS: Contact with acids liberates toxic gas. Reacts exothermically with water (moisture).

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition generates: Smoke, Sulfur Oxides, Sodium Oxides, Oxides of Silicon and Carbon.

INCOMPATIBLE MATERIALS: Strong acids, strong bases, strong oxidizers. Metals. May be corrosive to metals. Moisture. Water.

11. TOXICOLOGICAL INFORMATION**ACUTE TOXICITY**

DERMAL LD₅₀: > 2000 mg/kg - Rabbit (no deaths)

ORAL LD₅₀: 847 mg/kg - Rat

INHALATION LC₅₀: 2300 mg/m³ - Rat (exposure time: 2h)

Notes: ATE (Vapors): 2,300.00 mg/l - 4h

ATE (Dust/Mist): 2,300.00 mg/l - 4h

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not classified. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

BIOACCUMULATION/ACCUMULATION: Readily biodegradable in water.

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: 300 mg/L (Lepomis macrochirus)

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 SDS No. : Pleatco Spa FilterWash

Pleatco Spa FilterWash

48-HOUR EC₅₀: 190 mg/L (Daphnia Magna)

Notes: May cause pH changes in aqueous ecological systems. Avoid release into the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state and federal regulations. Avoid discharge into natural waters.

PRODUCT DISPOSAL: Dispose of contents/container in accordance with local, regional, national and international regulations.

EMPTY CONTAINER: Container may remain hazardous when empty. Continue to observe all precautions.

RCRA/EPA WASTE INFORMATION: Do not dispose of water into sewer. Cautiously neutralize remainder. Avoid release into the environment.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: CORROSIVE SOLIDS, N.O.S. (SODIUM BISULFATE, SODIUM METASILICATE)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN1759

PACKING GROUP: II

NAERG: 154

PLACARDS: CORROSIVE

AIR (ICAO/IATA)

SHIPPING NAME: CORROSIVE SOLID, N.O.S.

UN/NA NUMBER: UN1759

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: II

ERG: 8L

PLACARDS: Corrosive

LABEL: 8

VESSEL (IMO/IMDG)

SHIPPING NAME: CORROSIVE SOLID, N.O.S.

UN/NA NUMBER: UN1759

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: II

EmS: F-A, S-B

PLACARDS: Corrosive

LABEL: 8

15. REGULATORY INFORMATION

UNITED STATES**DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**

Corrosive

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Eye Irritation, Serious Eye Damage, Skin Corrosion, Skin Irritation, Target Organ Toxicity (Repeated exposure), Target Organ Toxicity (Single exposure)

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CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer.

USDA (U.S. DEPARTMENT OF AGRICULTURE): Neither this product nor its chemical components appear on any US state lists, or its chemical components are not required to be disclosed.

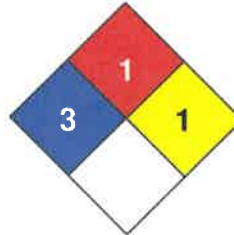
16. OTHER INFORMATION

Date Prepared: 08/04/2021

HMIS RATING

HEALTH	□	3
FLAMMABILITY		1
PHYSICAL HAZARD		1
PERSONAL PROTECTION	D	

NFPA CODES



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