

Safety Data Sheet (SDS)

Reviewed on 30/08/2021

Trade Name: SPA-500 Pre-drain system scrub

Section 1: Identification

Product/Chemical Name: SPA-500 Pre-drain system scrub**Chemical Formula:** Spa/Hot tub pre-drain system scrub**CAS Number:** N/A.**Other Designations:** None**General Use:** For use in cleaning the infrastructure for spa's, hot tubs, or jetted tubs.

- **Manufacturer:**

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Section 2: Hazard(s) Identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin corrosion/irritation Category 1C H314

Serious eye damage/eye irritation Category 1 H318

Full text of H statements : see section 16

2.2. Label elements

GHS -US labeling

Hazard pictograms (GHS-US):



Signal word (GHS -US): Danger

Hazard statements (GHS-US):H314 -Causes severe skin burns and eye damage

Precautionary statements (GHS-US):P260 -Do not breathe mist, vapors, spray

P264 - Wash exposed skin thoroughly after handling

P280 - Wear protective gloves, eye protection

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing

P310 - Immediately call a poison center or doctor/physician

P363 - Wash contaminated clothing before reuse

P405 - Store locked up

P501 - Dispose of contents/container to comply with local, state and federal regulations

If inhaled: Remove person to fresh air and keep comfortable for breathing

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2.3. Other hazards

Other hazards not contributing to the classification: None

2.4. Unknown acute toxicity (GHS US)

Not applicable

Section 3: Composition/Information on Ingredients

Name	Product identifier	%	GHS -US classification
Sodium Hydroxide	(CAS No) 1310-73-2	0.8-1.2	Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Acute 3, H402

*other components are below reportable levels and are non-toxic/non-hazardous

Section 4: First-Aid Measures

4.1.

Description of first aid measures

First-aid measures general:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation:

Allow victim to breathe fresh air. Allow the victim to rest. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

First-aid measures after skin contact:

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician.

First-aid measures after eye contact:

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/physician.

First-aid measures after ingestion:

Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

4.2.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries:

Causes severe skin burns and eye damage.

Symptoms/injuries after eye contact:

Causes serious eye damage.

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4.3.
Indication of any immediate medical attention and special treatment needed
No additional information available

Section 5: Fire-Fighting Measures

FLASH POINT: Not available	AUTOIGNITION TEMPERATURE: Not available
UPPER FLAMMABLE LIMIT: Not available	LOWER FLAMMABLE LIMIT: Not available
FLAMMABILITY CLASS (OSHA): Not applicable	FLAME PROPAGATION/BURNING RATE: Not available

UNIQUE FIRE PROPERTIES: None known.
HAZARDOUS COMBUSTION PRODUCTS: None.

EXTINGUISHING MEDIA: Does not burn. Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.

PROTECTION OF FIREFIGHTERS: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

Section 6: Accidental Release Measures

PERSONAL PROTECTIVE EQUIPMENT: See Section 8 (Personal Protective Equipment).

ENVIRONMENTAL PRECAUTIONS: Material is and nontoxic/nonhazardous. Prevent entry into sewers

METHODS FOR CLEANING UP: Dilute with water and hose down.

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Section 7: Handling and Storage

VENTILATION: General ventilation should be sufficient under normal conditions.

FIRE PREVENTION: Non-flammable, no special fire protection required.

SPECIAL HANDLING REQUIREMENTS: Avoid eye contact.

SAFE STORAGE RECOMMENDATIONS

CONTAINMENT: The container should be kept covered to prevent contamination.

STORAGE ROOM RECOMMENDATIONS: Store in a cool, dry, well-ventilated area away from direct heat.

INCOMPATIBLE MATERIALS: Strong oxidizing material and strong bases.

STORAGE CONDITIONS: 10-50°C (will freeze @ ~3°C). Indefinite Shelf Life; Viscosity will decrease over time.

Section 8: Exposure Controls/Personal Protection

ENGINEERING CONTROLS: General ventilation should be sufficient under normal conditions.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE/FACE PROTECTION: Safety glasses recommended.

SKIN PROTECTION: For operations where skin contact can occur, wear impervious clothing such as apron, boots, or whole bodysuit.

HAND PROTECTION: For operations where hand contact can occur, rubber gloves recommended.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. *Respirator use is not required for this product.*

GOOD HYGIENE/WORK PRACTICES: Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

EXPOSURE GUIDELINES

Sodium Hydroxide (1310-73-2)

ACGIH Adopted Value)	ACGIH Ceiling (mg/m ³)	2 mg/m ³ (Sodium hydroxide; USA; Momentary value; TLV -
OSHA	OSHA PEL (TWA) (mg/m ³)	2 mg/m ³
IDLH	US IDLH (mg/m ³)	10 mg/m ³
NIOSH	NIOSH REL (ceiling) (mg/m ³)	2 mg/m ³

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Section 9: Physical and Chemical Properties

COLOR: Pale yellow to light amber	SHAPE: Liquid
PHYSICAL FORM: Liquid	ODOR: Mild odor
pH: 12.8-13.5	VAPOR PRESSURE: Not available
VAPOR DENSITY: Not available	BOILING POINT: Not available
MELTING POINT: Not available	FREEZING POINT: Not available
SOLUBILITY IN WATER: N/A	SPECIFIC GRAVITY OR DENSITY: 1.01-1.02

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications.

Section 10: Stability and Reactivity

CHEMICAL STABILITY: Stable.
Reactivity: Possible corrosive vapors
CONDITIONS TO AVOID: Freezing temperatures or excess heat (for quality purposes).
MATERIALS TO AVOID (INCOMPATIBILITY): Not Established.
HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition will not occur.
HAZARDOUS POLYMERIZATION: Will not occur.

Section 11: Toxicological Information

ORAL LD₅₀ (rat): Not available.
DERMAL LD₅₀ (rabbit): Not available.
SKIN IRRITATION: Not available.
EYE IRRITATION: Not available.
SKIN SENSITIZATION: Not available.
ADDITIONAL INFORMATION: None

Section 12: Ecological Information (non-mandatory)

ECOTOXICITY (in water):
Acute:
● Daphnia LC 50 – 1369 mg/ L

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- Daphnia NOEC – 1000 mg/L
- Fathead minnows LC 50 – 642 mg/L
- Fathead minnows NOEC – 500 mg/L
- Rainbow Trout LC 50 – 173mg/L
- Rainbow Trout NOEC – 125 mg/L

Chronic:

- Rainbow Trout LC 50 – 154 mg /L
- Rainbow Trout LC 25 – 121 mg/L
- Fathead Minnow LC 50 - > 100mg/L
- Fathead Minnow LC25 – 932 mg/L

MOBILITY: Not available.

PERSISTENCE AND DEGRADABILITY: Not available.

BIOACCUMULATIVE POTENTIAL: Not available.

ADDITIONAL INFORMATION: Not available.

Section 13: Disposal Considerations (non-mandatory)

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate.

Section 14: Transport Information (non-mandatory)

U.S. DEPARTMENT OF TRANSPORTATION (DOT):

Proper Shipping Name: Not Regulated
Hazard Class: Not Regulated

LAND TRANSPORT (ADR/RID):

Hazard Class: Not Regulated

Identification Number (UN Number): Not Regulated

Packing Group (PG): Not Regulated

AIR TRANSPORT (ICAO/IATA):

Hazard Class: Not Regulated

CANADIAN TRANSPORTATION OF DANGEROUS GOODS:

Hazard Class: Not Regulated

MARITIME TRANSPORT (IMO / IMDG):

Hazard Class: Not Regulated

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Section 15: Regulatory Information (non-mandatory)

TSCA STATUS: The substances in this preparation are included on or exempted from the TSCA 8(b) inventory (40 CFR 710).

CERCLA REPORTABLE QUANTITY (RQ):

CHEMICAL NAME	RQ
Not applicable	Not applicable

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS):

CHEMICAL NAME	TPQ	RQ
Not applicable	Not applicable	Not applicable

SARA TITLE III SECTION 311/312 HAZARD CATEGORIES: Does this product/material meet the definition of the following hazard classes according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of SARA Title III?

ACUTE HEALTH HAZARD	CHRONIC HEALTH HAZARD	FIRE HAZARD	REACTIVE HAZARD	SUDDEN RELEASE OF PRESSURE
NO	NO	NO	NO	NO

SARA TITLE III SECTION 313 TOXIC CHEMICALS INFORMATION:

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

CALIFORNIA PROPOSITION 65:
reproductive toxicity:

chemical(s) is/are known to the state
cause cancer or

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

Section 16: Other Information

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Prepared by: Jarred Morgan
Preparation date: 09/01/2017

- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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