

**POOLWERX USA, INC**  
**SAFETY DATA SHEET**

**Section 1: Identification**

Product Name: Vitalyse Alkalinity Up    Product Code: C007804

Poolwerx USA, Inc  
4801 Spring Valley Road, Suite 103  
Farmers Branch TX 75244

**Emergency Phone**  
CHEMTREC: Canada and USA - (800) 424-9300  
CHEMTREC: In Mexico - 01-800-681-9531

Product Use: Pool Water Use  
Not recommended for: NA

**Section 2: Hazard(s) Identification**

**GHS Ratings:**

**GHS Hazards**

**GHS Precautions**

There are no GHS ratings that apply to this product at this time.

**Section 3: Composition/Information on Ingredients**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Trade Secret 90 to 100%			

**Section 4: First-aid Measures**

**Inhalation**

Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.

**Eye Contact**

Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

**Skin Contact**

Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash clothing separately and clean shoes before reuse.

**Ingestion**

If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Section 5: Fire-fighting Measures**

**Extinguishing Media**

Use media suitable for the surrounding fires.

**Specific Hazards Arising from the Chemical**

None known

### Special Protective Equipment and Precautions for Firefighters

**Special Information:** 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

#### Spill and Leak Procedures

Wear appropriate protective equipment and clothing during clean up . Sweep spill and transfer material into appropriate container(s) for disposal. Flush spill area with water.

### Section 7: Handling and Storage

#### Handling Procedures

Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

#### STORAGE:

Keep container closed when not in use. Store in a cool, dry place. Store away from incompatible materials.

### Section 8: Exposure Control/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Trade Secret N/A			

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant the use of a respirator.

**SKIN PROTECTION:** Wear impervious protective gloves. Wear protective gear as needed - apron, suit, boots.

**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield.

**OTHER PROTECTIVE EQUIPMENT:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**HYGENIC PRACTICES:** Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

### Section 9: Physical and Chemical Properties

<b>Appearance:</b> white crystalline powder	<b>Odor:</b> odorless
<b>Vapor Pressure:</b> Unknown	<b>Odor threshold:</b> Unknown
<b>Vapor Density:</b> Unknown	<b>pH:</b> 8.3 (1% solution)@ 20°C
<b>Density:</b> 0.88 g/cm <sup>3</sup> (particle)	<b>Melting point:</b> Unknown
<b>Freezing point:</b> Unknown	<b>Solubility:</b> Unknown
<b>Boiling range:</b> Unknown	<b>Flash point:</b> Unknown
<b>Evaporation rate:</b> Unknown	<b>Flammability:</b> Unknown
<b>Explosive Limits:</b> Unknown	<b>Specific Gravity:</b> Unknown
<b>Autoignition temperature:</b> Unknown	<b>Decomposition temperature:</b> Unknown
<b>Viscosity:</b> Unknown	<b>Grams VOC less water:</b> Unknown

**Section 10: Stability and Reactivity**

**Chemical Stability:**

STABLE

**Incompatible Materials**

Acids.

**Conditions to Avoid**

None known

**Hazardous Decomposition Products**

Carbon dioxide and sodium carbonate

**Hazardous Polymerization**

Hazardous polymerization will not occur.

**Section 11: Toxicology Information**

**Mixture Toxicity**

Oral Toxicity LD50: 4,220mg/kg

**Component Toxicity**

**Health Effects**

May be mildly irritating to eyes. Not likely to be hazardous to skin, respiratory tract, or by ingestion. Occasional mild irritation effects to nose and throat may occur from inhalation of dust .

**Routes of Entry:**

Inhalation

Ingestion

Skin contact

Eye contact

**Target Organs**

**Effects of Overexposure**

**Emergency Overview**

Not classified as a hazardous substance. No adverse effects anticipated.

CAS Number

Description

% Weight

Carcinogen Rating

**Section 12: Ecological Information**

**Component Ecotoxicity**

Trade Secret

96 Hr LC50 Lepomis macrochirus: 8250 - 9000 mg/L [static]

48 Hr EC50 Daphnia magna: 2350 mg/L

**Section 13: Disposal Considerations**

Dispose of in accordance with local, state and federal regulations.

**Section 14: Transportation Information**

Water Treatment Compound Non-Regulated.

**Section 15: Regulatory Information**

**Section 16: Other Information**

Date Prepared: 1/16/2020

**Disclaimer**

The information herein is believed to be correct, but does not claim to be all inclusive and should be used only as a guide. Neither the above named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist. Our SDS are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated SDS for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.