

POOLWERX USA, INC
SAFETY DATA SHEET

Section 1: Identification

Product Name: Vitalyse Cover Cleaner
Poolwerx USA, Inc
4801 Spring Valley Road, Suite 103
Farmers Branch TX 75244

Product Code: C007819

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

Product Use: Pool and Spa Use
Not recommended for: NA

Section 2: Hazard(s) Identification

GHS Ratings:

Skin corrosion/irritation	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Reproductive toxicity	1B	Presumed, Based on experimental animals
Acute aquatic toxicity	A3	Acute toxicity <= 10.0 but < 100 mg/l

GHS Hazards

H316	Causes mild skin irritation
H360	May damage fertility or the unborn child
H402	Harmful to aquatic life

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P273	Avoid release to the environment
P281	Use personal protective equipment as required
P308+P313	If exposed or concerned get medical advice / attention.
P332+P313	If skin irritation occurs: Get medical advice / attention
P405	Store locked up
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

Danger



Section 3: Composition/Information on Ingredients

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
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Trade Secret 1% - 5% Vapor Pressure: .002 mmHg	15 mg/m ³ TWA (mist, total particulate); 5 mg/m ³ TWA (mist, respirable fraction)		
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides 68424-85-1 5%			
Trade Secret 1% - 5%		6 mg/m ³ STEL (inhalable fraction, listed under Borate compounds, inorganic) 2 mg/m ³ TWA (inhalable fraction, listed under Borate compounds, inorganic)	NIOSH: 1 mg/m ³ TWA
Trade Secret 1% - 5%			

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

Flash Point: 199 C (390 F)

Extinguishing Media

Water spray, foam, carbon dioxide, dry chemical.

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

Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated.

Section 7: Handling and Storage

Handling Procedures

Use with adequate ventilation. Avoid breathing dusts, mists, and vapors. Do not get in eyes, on skin, or on clothing. Wear eye protection and protective clothing. Wash thoroughly after handling.

STORAGE: Keep away from heat, sparks, and flame. Store containers in a cool, well ventilated place. Keep container closed when not in use. Protect from direct sunlight.

Section 8: Exposure Control/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Trade Secret N/A	15 mg/m3 TWA (mist, total particulate); 5 mg/m3 TWA (mist, respirable fraction)		
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides 68424-85-1			
Trade Secret N/A		6 mg/m3 STEL (inhalable fraction, listed under Borate compounds, inorganic) 2 mg/m3 TWA (inhalable fraction, listed under Borate compounds, inorganic)	NIOSH: 1 mg/m3 TWA
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.

HYGIENIC 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

<p>Appearance: Clear Yellow Liquid</p> <p>Vapor Pressure: Not Available</p> <p>Vapor Density: Not Available</p> <p>Density: Not Available</p> <p>Freezing point: Not Available</p> <p>Boiling range: Not Available</p> <p>Evaporation rate: Not Available</p> <p>Explosive Limits: Not Available</p>	<p>Odor: Lemon Odor</p> <p>Odor threshold: Not Available</p> <p>pH: 8.2</p> <p>Melting point: Not Available</p> <p>Solubility: Complete</p> <p>Flash point: Not Available</p> <p>Flammability: Not Available</p> <p>Specific Gravity: 1.03</p>
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Autoignition temperature: Not Available

Viscosity: Not Available

Decomposition temperature: Not Available

Grams VOC less water: Not Available

Section 10: Stability and Reactivity

Chemical Stability:

STABLE

Incompatible Materials

Oxidizing agents. Avoid contact with reducing agents.

Conditions to Avoid

Keep away from excessive heat and incompatible materials. Avoid freezing.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, and toxic hydrogen chloride vapors.

Hazardous Polymerization

Hazardous polymerization will not occur.

Section 11: Toxicology Information

Mixture Toxicity

Component Toxicity

Routes of Entry:

Inhalation

Ingestion

Skin contact

Eye contact

Target Organs

Eyes

Kidneys

Skin

Respiratory System

Effects of Overexposure

Health Effects

Contact with the eyes and skin may result in severe irritation. Inhalation may result in respiratory tract irritation. Ingestion may result in gastric disturbances.

Emergency Overview

Harmful if swallowed. Causes eye, skin, and respiratory tract irritation.

CAS Number

None

Description

% Weight

Carcinogen Rating

N/A

Section 12: Ecological Information

Component Ecotoxicity

Trade Secret

96 Hr LC50 Oncorhynchus mykiss: 51 - 57 mL/L [static]

Section 13: Disposal Considerations

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

Section 14: Transportation Information

The following is for US DOT Highway Transportation. Other modes/jurisdictions may have different classifications.

Non-Regulated.

Section 15: Regulatory Information

SARA 313

This product contains the following EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know-Act of 1986 (40 CFR 372):

This information must be included in all SDSs that are copied and distributed for this material.

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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Section 16: Other Information

Date Prepared: 9/29/2021

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.