POOLWERX USA, INC
SAFETY DATA SHEET

Section 1: Identification

Product Name: Vitalyse Spa Bromide Up Product Code: C007879

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: NA
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 30 to 40%			

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
Use proper personal protective equipment. Soak up with inert absorbent material and place in properly labeled containers for disposal.

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			

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

Appearance: Clear blue liquid	**Odor:** Little or no odor
Vapor Pressure: Unknown	**Odor threshold:** Unknown
Vapor Density: Unknown	**pH:** Unknown
Density: Unknown	**Melting point:** Unknown
Freezing point: Unknown	**Solubility:** Soluble
Boiling range: Unknown	**Flash point:** Unknown
Evaporation rate: Unknown	**Flammability:** Unknown
Explosive Limits: Unknown	**Specific Gravity** 1.33
Autoignition temperature: Unknown	**Decomposition temperature:** Unknown
Viscosity: Unknown	**Grams VOC less water:** Unknown

Section 10: Stability and Reactivity

Chemical Stability:

STABLE

Incompatible Materials

Strong acids, strong oxidants, heavy metal salts.

Conditions to Avoid

Excessive heat.

Hazardous Decomposition Products

Hydrogen bromide and sodium oxide

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

Effects of Overexposure

Emergency Overview

May cause irritation but expected to be non-hazardous.

Health Effects

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

CAS Number	Description	% Weight	Carcinogen Rating

Section 12: Ecological Information

Component Ecotoxicity

Trade Secret	96 Hr LC50 Oryzias latipes: 24000 - 96000 mg/L [flow-through]; 96 Hr LC50 Oryzias latipes: 24000 mg/L [semi-static]; 96 Hr LC50 Poecilia reticulata: 16000 - 24000 mg/L [flow-through]; 96 Hr LC50 Poecilia reticulata: 16000 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 15614 - 17428 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: >1000 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 0.054 - 0.081 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: >1000 mg/L [static] 48 Hr EC50 Daphnia magna: 5800 - 48000 mg/L; 48 Hr EC50 Daphnia magna: 5700 - 10800 mg/L [Static] 96 Hr EC50 Scenedesmus pannonicus: 5800 - 24000 mg/L

Section 13: Disposal Considerations

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

Section 14: Transportation Information

This product is non-regulated for land transport.

Section 15: Regulatory Information

Country	Regulation	All Components Listed

Section 16: Other Information

Date Prepared: 12/03/2018

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.