

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** BERKSHIRE VersaHOCl®  
**Company Name:** Berkshire Corporation  
 6509 Franz Warner Parkway  
 Whitsett, NC 27377  
**Phone Number:** +1 (800)242-7000  
**Web site address:** berkshire.com  
**Emergency Contact:** Chemtrec +1 (800)424-9300

**Intended Use:** Cleaner and disinfectant - hard, non-porous surfaces

## 2. HAZARDS IDENTIFICATION

**GHS Signal Word:** None  
**GHS Hazard Phrases:** No phrases apply.  
**GHS Precautionary Phrases:** No phrases apply.  
**GHS Response Phrases:** No phrases apply.  
**GHS Storage and Disposal Phrases:** No phrases apply.  
**OSHA Regulatory Status:** This material is classified as not hazardous under OSHA regulations.  
**Additional Hazards Information:** Use caution when mixing with acids or storing in large quantities.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	
7790-92-3	Hypochlorous acid	0.065 %	
7732-18-5	Water (reverse osmosis)	99.935 %	

## 4. FIRST AID MEASURES

**Emergency and First Aid Procedures:**

**In Case of Inhalation:** Not expected to present a significant inhalation hazard under anticipated conditions of use. In case of inhalation, seek fresh air. If dizziness persists or breathing problems develop, call a doctor.

**In Case of Skin Contact:** Rinse skin with water/shower. Get medical aid if irritation develops and persists.

**In Case of Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical aid if irritation develops and persists.

**In Case of Ingestion:** Rinse mouth with water. Call a POISON CENTER or doctor/physician.

**Signs and Symptoms Of Exposure:** This product is considered to be a low hazard under normal conditions of use. For possible symptoms of exposure, see section 11.

**Note to Physician:** Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

**5. FIRE FIGHTING MEASURES**

<b>Flash Pt:</b>	Nonflammable	Method Used:	Not Applicable
<b>Explosive Limits:</b>	LEL: No data.	UEL:	No data.
<b>Autoignition Pt:</b>	NA		
<b>Suitable Extinguishing Media:</b>	Not flammable. Use extinguishing agent appropriate to other materials involved.		
<b>Fire Fighting Instructions:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear. Use standard firefighting procedures and consider the hazards of other involved materials.		
<b>Flammable Properties and Hazards:</b>	Remove containers from fire area if you can do so without risk.		
<b>Hazardous Combustion Products:</b>	Fire conditions can result in the formation of carbon monoxide and carbon dioxide, Trace amounts of chlorine gas may be present if product is exposed to extreme heat.		

**6. ACCIDENTAL RELEASE MEASURES**

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Use proper personal protective equipment as indicated in Section 8.
<b>Environmental Precautions:</b>	Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Provide adequate ventilation. Prevent further leakage or spillage if safe to do so. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Dispose of absorbed material in accordance with regulations.

**7. HANDLING AND STORAGE**

<b>Precautions To Be Taken in Handling:</b>	Avoid contact with eyes. Do not eat, drink, or smoke when using.
<b>Precautions To Be Taken in Storing:</b>	Store in a cool dry place. Do not store in direct sunlight. Keep from freezing. Keep container tightly closed when not in use.
<b>Other Precautions:</b>	Handle in accordance with good industrial hygiene and safety practices. Keep out of reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Recommended Exposure Limits:</b>	This product does not contain any ingredients with occupational exposure limits that are at concentrations below their cut-off values/concentrations and that contribute to the hazard classification of the product.
<b>Respiratory Equipment (Specify Type):</b>	Not required under normal conditions of use with adequate ventilation.
<b>Eye Protection:</b>	Safety glasses with side shields, if contact is likely.
<b>Protective Gloves:</b>	Not required under normal use conditions.
<b>Other Protective Clothing:</b>	Not required under normal use conditions.
<b>Engineering Controls (Ventilation etc.):</b>	None required under normal conditions of use. An eyewash station is recommended.
<b>Work/Hygienic/Maintenance Practices:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical States:</b>	[ ] Gas [X] Liquid [ ] Solid	
<b>Appearance and Odor:</b>	Appearance: Clear. Liquid. Odor: Slight. chlorine-like.	
<b>pH:</b>	5.0 - 6.0	
<b>Melting Point:</b>	32.00 F (0.0 C)	
<b>Boiling Point:</b>	NA	
<b>Flash Pt:</b>	Nonflammable Method Used: Not Applicable	
<b>Evaporation Rate:</b>	1 (H <sub>2</sub> O=1)	
<b>Flammability (solid, gas):</b>	No data available.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	Not available	
	Not available	
<b>Vapor Density (vs. Air = 1):</b>	Not available	
<b>Specific Gravity (Water = 1):</b>	Not available	
<b>Density:</b>	Not available	
<b>Solubility in Water:</b>	Soluble	
<b>Saturated Vapor Concentration:</b>	Not available	
<b>Octanol/Water Partition Coefficient:</b>	No data.	
<b>Autoignition Pt:</b>	NA	
<b>Decomposition Temperature:</b>	No data.	
<b>Viscosity:</b>	Not available	

Information with regard to primary physical hazard:

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	Not reactive at normal temperatures and pressures.	
<b>Stability:</b>	Unstable [ ] Stable [X]	
<b>Conditions To Avoid - Instability:</b>	Stable under normal conditions of use and storage.	
<b>Incompatibility - Materials To Avoid:</b>	None known.	
<b>Hazardous Decomposition or Byproducts:</b>	Fire conditions can result in the formation of carbon monoxide and carbon dioxide, Trace amounts of chlorine gas may be present if product is exposed to extreme heat.	
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [X]	
<b>Conditions To Avoid - Hazardous Reactions:</b>	None known.	

### 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** Under normal conditions for use, this product does not pose a significant hazard to humans. Care must be taken when mixing concentrated solutions with acids as chlorine may be emitted. If chlorine is emitted, a burning sensation may occur in the eyes and respiratory tract along with difficult and rapid breathing, dizziness and headache.

**Irritation or Corrosion:** May cause slight irritation to eyes.

**Symptoms related to Toxicological Characteristics:**  
 Eye Contact: May cause tearing, redness and pain.  
 Inhalation: Inhalation of vapor may cause minor respiratory irritation.  
 Skin Contact: Non-irritating to skin.  
 Ingestion: Expected to be a low ingestion hazard. Ingestion of liquid may cause slight irritation to mucous membranes and gastrointestinal tract.

**Sensitization:** Not expected.

**Chronic Toxicological Effects:** Not expected.

**Carcinogenicity:** NTP? No      IARC Monographs? No      OSHA Regulated? No

### 12. ECOLOGICAL INFORMATION

**General Ecological Information:** No data available.

**Results of PBT and vPvB assessment:** No data available.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of contents and containers in accordance with local, regional, national, and international regulations.

### 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

### 15. REGULATORY INFORMATION

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7790-92-3	Hypochlorous acid	No	No	No
7732-18-5	Water (reverse osmosis)	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7790-92-3	Hypochlorous acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; FIFRA: Yes - Active - 129054: Am; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

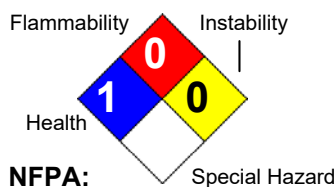
**Regulatory Information:** U.S. EPA Registration Number: 95747-1-92998. This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

Following is the hazard information as required on the pesticide label: CAUTION. Causes moderate eye irritation. Avoid contact with eyes. When handling this product, wear safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

## 16. OTHER INFORMATION

**Revision Date:** 01/20/2022

**Hazard Rating System:**



**Additional Information:** 01/19/2022 New product SDS.

**Company Policy or**

**Disclaimer:**

Information presented herein is believed to be accurate and reliable to the best of our knowledge. However, we make no warranty or merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Users should make their own investigations to determine the suitability of the information for their particular purposes.