

**Section 1 - Identification**

Product Name: **D-GERM™** An inorganic acid disinfecting bowl cleaner. Revised: 7/13/15

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**Section 2 - Hazards Identification**

Hazard categories: Skin Corrosion/Irritation 1; Eye Corrosion/Irritation 1; Corrosive to metals 1

Hazard statements: Causes severe skin burns and serious eye damage.  
May be corrosive to metals.

Signal word: Danger

Pictogram: Corrosion

Precautionary statements

Prevention

Do not breathing dusts or mists. Wash hands thoroughly after handling.

Wear protective gloves such as latex. Wear eye protection such as safety glasses with side shields.

Keep only in original container.

Response

**IF SWALLOWED:** Rinse mouth. Do not induce vomiting.

**IF ON SKIN (OR HAIR):** Take off immediately all contaminated clothing before reuse. Rinse skin with water.

Wash contaminated clothing before reuse

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER for medical advice.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.

Absorb spillage to prevent material damage.

Storage: Store in corrosive resistant container with a resistant inner liner. Store locked up.

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

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

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	78%
Phosphoric acid	7664-38-2	20%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

**Section 4 - First Aid Measures**

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. Immediately call a POISON CENTER.

**Skin Contact:** Remove contaminated clothing and shoes immediately. If there is no redness or irritation wash with soap and water. If there is redness or irritation flush skin with running water for up to 15 minutes. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

**Inhalation:** Move the affected person to fresh air. If irritation persists get medical attention.

**Ingestion:** If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Treat for shock by keeping person warm and quiet. Get medical attention immediately.

**Section 5 - Fire-Fighting Measures**

**Extinguishing Media:** Any

**Special Fire Fighting Procedures:** None.

**Unusual Fire And Explosion Hazards:** Contact with reactive metals may form hydrogen gas.

**Section 6 - Accidental Release Measures**

**Steps To Be Taken If Material Is Released Or Spilled:** Clean up small spills with a rag or mop. Wash the area with an alkaline detergent or a 50% solution of baking soda. Spills of 1 gallon or less can be washed to a sanitary sewer with plenty of water. Larger spills should be diked and then collected into clean pails or drums.

**Section 7 - Handling and Storage**

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet and on label. Keep container closed. Store in a cool, dry, well ventilated area. Keep out of reach of children.

If this product contacts bleach or a cleaner containing bleach, it could produce a dangerous gas (chlorine). If your facility uses bleach, or a cleaner containing bleach, look at the MSDS on the bleach product now, to learn what to do if chlorine is accidentally produced. Your facility should decide upon the appropriate emergency action plan for accidental release of chlorine as a part of your emergency preparedness plan.

### Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Phosphoric acid	7664-38-2	20%	1 mg/m <sup>3</sup> (1,2,3,4)	3 mg/m <sup>3</sup> (2,3,4)	-

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous  
 Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

**Ventilation:** Good room ventilation.

**Respiratory Protection:** None when used as directed.

**Protective Gloves:** Wear latex, Nitrile or neoprene gloves. Disposable latex gloves are okay.

**Eye Protection:** Wear safety glasses with side shields.

**Other Protective Equipment:** None when used as directed.

### Section 9 - Physical and Chemical Properties

<b>Appearance and Odor:</b> A pink liquid with a cherry-almond odor.	
<b>Odor Threshold:</b> Not Available	<b>Vapor Pressure:</b> Not Available
<b>pH:</b> < 1.0	<b>Vapor Density:</b> Not Available
<b>Melting Point:</b> Not Available	<b>Relative Density (Specific Gravity):</b> 1.12
<b>Freezing Point:</b> Not Available	<b>Solubility(ies): Water:</b> 100%
<b>Boiling Point, Initial:</b> 212° F.	<b>Partition coefficient:</b> Not Available
<b>Boiling Range:</b> Not Available	<b>Auto-ignition Temperature:</b> Not Available
<b>Flash Point:</b> None. (ASTM D-56 closed cup)	<b>Decomposition Temperature:</b> Not Available
<b>Evaporation Rate:</b> Similar to water	<b>Viscosity:</b> Same as water.-
<b>Flammability: (solid, gas):</b> Not Applicable	<b>Volatiles Percent:</b> Not Available
<b>Upper Explosive Limit:</b> None	<b>V.O.C.:</b> <0.5%
<b>Lower Explosive Limit:</b> None	

### Section 10 - Stability and Reactivity

**Incompatibility:** Bleach, alkalis, oxidizers, organic matter, reactive metals.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, hydrogen

### Section 11 - Toxicological Information

**Primary Routes of Entry:**  Skin contact;  Skin absorption;  Inhalation;  Ingestion

Phosphoric acid: Oral LD<sub>50</sub> rat: 1,530 mg/kg. Mixture as a whole has not been tested.

**Potential Health Effects:**

**Eyes** - Concentrate causes severe irritation and moderate damage. Dilutions cause moderate to severe irritation.

**Skin** - Concentrate causes irritation and redness; possibly damage with prolonged contact. Brief contact has little or no effect when rinsed off promptly.

**Swallowing** - causes irritation to mucous membranes.

**Breathing** - excessive inhalation of vapors may cause irritation of the nose, throat and respiratory passages.

### Section 12 - Ecological Information

Do not dispose of in the environment.

### Section 13 - Disposal Considerations

**Waste Disposal Method:** Dispose of in accordance with federal, state and local regulations.

### Section 14 - Transport Information

**D.O.T. Hazard Class:** UN3264, Corrosive liquid, acidic, inorganic, n.o.s., 8, PG III (Phosphoric acid). Quarts ship as Limited Quantity.

### Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

### Section 16 - Other Information

**NFPA:** H:2 F:0 I:0 **HMIS® III:** H:2 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 12/21/06. GHS conversion.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.