

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION

**Product identifier:** EMERGE  
**Product code:** CRY-021042  
**Product use:** Pool and Spa Water Treatment  
**Trade Name and Synonyms:** Potassium Monopersulphate  
**Chemical Family:** Not Applicable  
**Chemical Name:** Not Applicable  
**Molecular Weight:** Not Applicable  
**Chemical Formula:** Proprietary Blend  
**WHMIS classification:** D2B, D2A

**Supplier name and address:**

Crystal Clear Pool and Spa  
1200 Corporate Drive  
Burlington, Ontario, Canada  
L7L 5R6

**Emergency Telephone #: 1-800-263-8250**

## SECTION 2 - CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Approx. Conc. %</u>	<b>LD 50</b> <b>Specify Species</b> <b>and Route</b> <b>(Oral, RAT)</b>	<b>LC 50</b> <b>Specify Series</b> <b>and Route</b> <b>(Inhal., RAT)</b>
Potassium Peroxymonno Sulphate	10058-23-8	10-30	Not Available	Not Available
Potassium Bisulphate	7646-93-7	10-30	Not Available	Not Available
Potassium Sulphate	7778-80-5	10-30	Not Available	Not Available
Magnesium Carbonate	546-93-0	1-5	Not Available	Not Available
Potassium Peroxydisulphate	7727-21-1	1-5	Not Available	Not Available
Disodium Tetraborate	1330434	10-30	Not Available	Not Available

### SECTION 3 – PHYSICAL DATA FOR MATERIAL

**Physical State:** GAS  LIQUID  SOLID   
**Evaporation Rate:** Not Applicable **Vapour Density (AIR-1):** Not Applicable  
**Odour Threshold (P.P.M):** Not Applicable **Boiling Point (degrees C):** Not Applicable  
**Specific Gravity:** Not Applicable **Freezing Point (degrees C):** Decomposes  
**Vapour Pressure (MM):** Not Applicable **pH:** 6.7 (1% solution)  
**Solubility in Water (20C):** soluble **% Volatile (by weight):** Not Applicable  
**Coefficient of Water/Oil Distribution:** Not Available  
**Odour and Appearance:** White, granular, opaque, odourless

### SECTION 4 – FIRE AND EXPLOSION HAZARD OF MATERIAL

**Flammability:** Yes  No   
**If yes, under which conditions?:** Not Applicable  
**NOTE:** Grinding or intense mixing may cause ignition or oxidizable material present.  
**Auto-ignition Temperature (deg. C):** Not Applicable  
**Upper Explosion Limit (% by Volume):** Not Applicable  
**Means of Extinction:** Use media to extinguish source of fire  
**Special Procedures:** Wear self contained breathing apparatus when fire fighting:  
**Lower Explosion Limit (% by volume):** Not Applicable  
**Flashpoint (deg. C) and Method:** Not Applicable  
**Hazardous Combustion Products:** Not Applicable

### SECTION 5 – EXPLOSION DATA

**Sensitivity to Mechanical Impact:** None **Sensitivity to Static Discharge:** None

### SECTION 6 – REACTIVITY DATA

**Chemical Stability:** Yes  No   
**If no, under what conditions?:** Not applicable.  
**Incompatibility to Other Substances:** Yes  No   
**If so, which ones?:** This product is an oxidizer. When mixed with halides (chlorine, bromine) or compounds containing halides it will release the respective halogen gas.  
**Examples:** Mixture of this product and salt will emit chlorine gas. Mixture with cyanides can release hydrogen cyanide gas. Heavy metal salts such as cobalt, nickel and copper can cause the evolution of oxygen. Elemental Zirconium.  
**Reactivity and under what conditions:** See above  
**Hazardous Decomposition Products:** Releases oxygen gas



<b>SECTION 9 – FIRST AID MEASURES</b>
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**Skin:** Wash thoroughly with soap and water. Flush with water for 15 minutes. Seek medical attention.

**Eye:** Flush eyes with plenty of water for 15 minutes. Seek medial attention.

**Inhalation:** Remove person to fresh air. Give artificial respiration if required. Seek medical attention.

**Ingestion:** Drink large quantities of water to dilute and contact a physician and induce vomiting.

<b>SECTION 10 – PREPARATION DATE OF M.S.D.S.</b>
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**Prepared by:** Crystal Clear Pool and Spa

**Telephone Number:** 1-800-263-8250

**Preparation Date:** September 22, 2000

**Date of Latest Revision / Review:** February 1, 2018

**ADDITIONAL NOTES OR REFERENCES:**

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