

# Material Safety Data Sheet


**CRYSTALITE CORPORATION**

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P.O. Box 545  
Lewis Center, Ohio 43035-0545 U.S.A.

**CRYSTAL CUT™**

Identity (Trade Name As Used On Label)

**24 HOUR EMERGENCY PHONE NUMBER**  
CHEMTREC North America 800 – 424 – 9300  
Outside of North America 703-527-3887 (collect)

P/N :

DOCUMENT P/N :

**NON-EMERGENCY PHONE NUMBER**  
(740) 548-4100  
8:00 A.M. – 5:00 P.M.

DATE PREPARED: 11/8/99 By: A. Hier  
DATE REVIEWED: 11/00, 3/02, 7/04

## EMERGENCY HAZARD RATING

**HEALTH: 2**

**FIRE: 2**

**REACTIVITY: 3**

**SPECIFIC HAZARD: X**

CHEMICAL NAME	COMMON NAME	REG.* (Y/N)	CAS #	OSHA PEL	ACGIH TLV	CARCI-NOGEN**
Sodium Borate Hydrate	Borax	Y	1303-96-4	***	5mg/m3	N
Sodium Nitrate	***	Y	07632-00-0	***	***	N

## SECTION II: PHYSICAL AND CHEMICAL DATA

<b>BOILING POINT:</b> N/A	<b>MELTING POINT:</b> N/A	<b>SPECIFIC GRAVITY:</b> N/A
<b>VAPOR PRESSURE:</b> N/A	<b>PERCENT VOLATILE BY VOL:</b> N/A	<b>VAPOR DENSITY:</b> N/A
<b>EVAPORATION RATE:</b> N/A	<b>SOLUBILITY IN WATER:</b> 5 %	<b>SOLUBILITY IN ALCOHOL:</b> N/A
<b>SOLUBILITY IN OTHER SOLVENT:</b> N/A	<b>APPEARANCE AND ODOR:</b> Off-white powder mixture, slight odor	

## SECTION III: CORROSIVITY AND REACTIVITY DATA

<b>STABILITY:</b> UNSTABLE <input type="checkbox"/> STABLE <input checked="" type="checkbox"/>	<b>POLYMERIZATION:</b> <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> Reducing agents, flammable materials.	
<b>DECOMPOSITION PRODUCTS:</b> Nitrogen Oxides.	
<b>CONDITIONS TO BE AVOIDED:</b> Excessive heat, contact with flammable materials, electrical shock.	

**SECTION IV: HEALTH, FIRST AID AND MEDICAL DATA**

<b>PRIMARY ROUTE(S) OF ENTRY:</b>	<b>EFFECTS OF OVEREXPOSURE</b>	<b>FIRST AID AND MEDICAL INFORMATION</b>
<b>INHALATION:</b>	May cause respiratory irritation.	Remove to fresh air. Seek medical attention as needed.
<b>INGESTION:</b>	May cause digestive irritation, nausea.	If conscious, induce vomiting. Seek medical attention as needed.
<b>SKIN:</b>	May cause irritation.	Wash with mild soap and water.
<b>EYE:</b>	May cause irritation.	Flush with water for 15 minutes. Seek medical attention immediately.
<b>OTHER POTENTIAL HEALTH RISKS:</b>	None known.	

**SECTION V: SPECIAL PRECAUTIONS IN HANDLING/STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep containers closed and away from flammable materials. Store in a cool dry place.

**OTHER PRECAUTIONS:** Utilize neoprene gloves, goggles and outer protective covering when handling.

**SECTION VI: FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** N/A      **METHOD USED:** N/A      **FLAMMABLE LIMITS:** N/A      **LEL:** N/A      **UEL:** N/A

**EXTINGUISHING MEDIA:** water spray or fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** N/A

**EXPLOSION POTENTIAL:** May react violently with reducers, flammables or electric shock.

**SECTION VII: SPILL, LEAK AND DISPOSAL PROCEDURES**

**STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS:** Collect dry spilled material. Use water only for final clean-up.

**WASTE DISPOSAL METHOD:** Observe all applicable local, state and federal laws and regulations.

**SECTION VIII: REGULATORY INFORMATION**

**PROPER SHIPPING NAME:** N/A

**SHIPPING LABEL REQUIREMENT:** N/A

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.

Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.