

# MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA's 29 CFR 1910, 1200 AND STATE HAZARD COMMUNICATION STANDARD

**A BRITE COMPANY**  
**3217 WOOD DRIVE**  
**GARLAND, TEXAS 75041**  
**214-291-0400**

24 HOUR EMERGENCY PHONE NUMBER 1-800-424-9300 (CHEMTREC)

## SECTION 1: PRODUCT IDENTIFICATION

TRADE NAME: BriteGuard Pitchblack TC-II Part 2  
GENERAL OR GENERIC ID: Chromate additive  
DATE PREPARED: 5/22/07  
LATEST REVISION DATE: 5/22/07  
NFPA/HMIS HAZARD CODES  
(minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)  
HEALTH: 3/3 FIRE: 0/0 REACTIVITY: 1/1 SPECIAL: H

## SECTION 2: HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV	IDLH LEVEL	% WT
Phosphoric Acid	7664-38-2	1 mg/m <sup>3</sup>	1mg/m <sup>3</sup>	N/A	<50

\*= Reportable under SARA Title III

## SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

<u>BOILING POINT:</u> 212°F	<u>SPECIFIC GRAVITY:</u> 1.10-1.25
<u>VAPOR PRESSURE:</u> N/A	<u>PERCENT VOLATILE:</u> N/A
<u>VAPOR DENSITY:</u> N/A	<u>EVAPORATION RATE:</u> N/A
<u>SOLUBILITY IN WATER:</u> complete	<u>pH @5%:</u> <2.0
<u>APPEARANCE AND ODOR:</u> Clear liquid with characteristic odor	

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Non Flammable FLAMMABLE LIMITS: N/A  
EXTINGUISHING MEDIA: Water fog, carbon dioxide, alcohol foam, dry chemical and Halon.  
SPECIAL FIRE FIGHTING PROCEDURES: Pressure demand, self contained respiratory protection and protective clothing should be worn by firefighters.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Corrosive fumes and vapors may develop if product is exposed to elevated temperature.

## SECTION 5: REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur  
INCOMPATIBILITY: Keep away from alkaline materials, organic, combustibles and other easily oxidizing materials.  
CONDITIONS TO AVOID: Avoid excessive heat.  
HAZARDOUS DECOMPOSITION PRODUCTS: Toxic fumes and metal oxides may be present during decomposition.

## SECTION 6: HEALTH HAZARD DATA

ROUTES OF ENTRY /SIGNS AND SYMPTOMS OF EXPOSURE:  
ACUTE: Corrosive to eyes and skin, concentrated solutions can destroy tissue on contact. Causes skin ulcers, and dermatitis.  
INGESTION: Harmful if swallowed. Can cause severe burns and complete perforation of mucous membranes to the mouth, throat, esophagus and stomach if swallowed  
INHALATION: Inhalation of vapors or mist may cause irritation to tissues of the nose, throat and mucous membranes.  
CHRONIC EFFECTS: None known  
CARCINOGENS: None under OSHA, IARC or NTP  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.  
EMERGENCY AND FIRST AID PROCEDURES:  
EYES: Immediately flush with plenty of water for 15 minutes. See a physician.  
SKIN: Wash with soap and water. Remove contaminated clothing. See a physician if irritation occurs.  
INHALATION: Remove to fresh air. If breathing has stopped start artificial respiration. See a physician.  
INGESTION: Call a physician immediately, **DO NOT INDUCE VOMITING DILUTE BY DRINKING WATER (MILK IF AVAILABLE) NEVER GIVE LIQUIDS TO AN UNCONSCIOUS PERSON.**

## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES:  
SMALL SPILLS: Flush to treatment system with large amounts of water.  
LARGE SPILLS: Contain spill, sweep into suitable containers. Keep out of fish bearing waters.  
WASTE DISPOSAL METHOD: Dump to waste water treatment system, observe local, state and federal regulations.

## SECTION 8: TRANSPORTATION AND LABELING

REGULATORY INFORMATION:  
DOT HAZARD CLASS: 8  
SHIPPING NAME: Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric Acid)  
ID NUMBER: UN 3264  
PACKING GROUP: II  
LABELS: 8  
TSCA: All components included in the inventory.

## SECTION 9: HANDLING AND STORAGE

HANDLING AND STORING: Keep container closed when not in use.  
OTHER PRECAUTIONS: Keep out of reach of children. Store in proper chemical storage area.  
If water pollution occurs, notify the proper authorities.

## SECTION 10: CONTROL MEASURES

RESPIRATORY PROTECTION: Use NIOSH approved respiratory equipment for dust and mist.  
VENTILATION: Local exhaust to maintain air contamination below TLV limit.  
GLOVES: Rubber gloves, neoprene, or synthetic rubber required.  
EYE PROTECTION: Safety glasses or goggles required.  
OTHER PROTECTIVE EQUIPMENT: As needed to prevent prolonged or repeated skin contact. Eye wash fountain and safety shower in work area.  
WORK /HYGIENIC PRACTICES: Launder contaminated clothing before reuse.

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