

# MATERIAL SAFETY DATA SHEET

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

**A BRITE COMPANY**  
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**214-638-0465**

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

## SECTION 1: PRODUCT IDENTIFICATION

TRADE NAME: BriteGuard Pitchblack Part B  
GENERAL OR GENERIC ID: Zinc Chromate Additive  
DATE PREPARED: 12/20/91  
LATEST REVISION DATE: 8/5/97  
NFPA/HMIS HAZARD CODES  
(minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)  
HEALTH: 1/1 FIRE: 0/0 REACTIVITY: 0/0 SPECIAL: NA

## SECTION 2: HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV	IDLH LEVEL	% /WT
Silver Nitrate	7761-88-8	10 µg/m <sup>3</sup>	10 µg/m <sup>3</sup>	N/A	< 10
Acetic Acid	64-19-7	10ppm	25 mg/m <sup>3</sup>	N/A	< 10

\*= Reportable under SARA Title III

## SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 220°F  
VAPOR PRESSURE: N/A  
VAPOR DENSITY: N/A  
SOLUBILITY IN WATER: complete  
APPEARANCE AND COLOR: Light purple liquid with slight vinegar odor.

SPECIFIC GRAVITY: 1.00  
PERCENT VOLATILE: N/A  
EVAPORATION RATE: As Water

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: not flammable  
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: Non combustible material.

FLAMMABLE LIMITS: N/A

## SECTION 5: REACTIVITY DATA

STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur  
INCOMPATIBILITY: Cyanide bearing materials.  
CONDITIONS TO AVOID: Keep all sources of contamination away from this product.  
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

## SECTION 6: HEALTH HAZARD DATA

ROUTES OF ENTRY /SIGNS AND SYMPTOMS OF EXPOSURE:  
ACUTE: Irritating to eyes and skin. Concentrated solutions may cause irritation to eyes and skin.  
INGESTION: Harmful if swallowed. Can cause irritation to the mucous membranes of the mouth, throat, esophagus and stomach if swallowed.  
INHALATION: Mist or dust at high levels may cause irritation to the nose, throat and lungs. May cause damage to the upper respiratory tract.  
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: Sweep up 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: 9  
SHIPPING NAME: Environmentally hazardous substances, liquid, n.o.s. (Silver Nitrate & Acetic Acid)  
ID NUMBER: UN 3082  
PACKING GROUP: III  
LABELS: 9  
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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