

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

## IDENTITY AND MANUFACTURER'S INFORMATION

**NFPA Rating:** Health-3; Flammability-0; Reactivity-2; Special-0XY

**HMIS Rating** Health- 3; Flammability-0; Reactivity-2; Personal Protection- 0XY

**MANUFACTURED BY: MISSION LABORATORIES**

**Address:** 2433 BIRKDALE STREET  
LOS ANGELES, CA. 90031

**DOT Hazard Classification: OXIDIZER**

**Identity** (trade name as used on label):

**GUARDIAN 4.5% POWDER BLEACH**

Date Prepared: 10/05/04

Prepared By: JT

**MSDS Number: 5631**

Revision-

Information Calls: (323) 223-1405

NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA

**EMERGENCY RESPONSE NUMBER: (800) 255-3924**

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

**COMPONENTS-CHEMICAL NAMES AND COMMON NAMES**

(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)

CAS Number

SARA

III LIST

OSHA PEL

(ppm)

ACGIH

TLV (ppm)

Carcinogen

Ref. Source \*\*

TRICHLORO-S-TRIAZINE TRIONE

10.00

87-90-1

N/A

N/A

N/A

N/A

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** N/A

**Specific Gravity :** 0.89

**Vapor Pressure:** N/A Max.

**pH of Product :** 3-4 IN 1% SOL'N.

**Vapor Density** N/A

**Evaporation Rate:** N/A

**Solubility in Water:** 20 % BY WT. Soluble

**V.O.C.** N/A

**Appearance and Odor:** WHITE GRANULAR SOLID W/ SLIGHT CHLORINE ODOR

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY** as per USA FLAME PROJECTION TEST  
NON FLAMMABLE

**Auto Ignition Temperature**  
N/E

**Flammability Limits in Air by % in Volume:**  
LOWER : 0.00 UPPER : 0.00

**FLASH POINT AND METHOD USED** (non-aerosols): N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus.

**EXTINGUISHER MEDIA:** Foam, dry chemical, carbon dioxide, water.

**Unusual Fire & Explosion Hazards:** TOXIC FUMES MAY BE EMITTED IF MATERIAL IS EXPOSED TO EXTREME TEMPERATURES.

## SECTION 4 - REACTIVITY HAZARD DATA

**STABILITY** [ X ] STABLE [ ] UNSTABLE

**HAZARDOUS POLYMERIZATION** [ ] WILL [ X ] WILL NOT OCCUR

**Incompatibility (Mat. to avoid):** VERY STRONG OXIDIZING AGENTS

**Conditions to Avoid:** KEEP AWAY FROM HEAT OR OPEN FLAME.

**Hazardous Decomposition Products:** Smoke, Carbon Monoxide, Carbon Dioxide and other Toxic Fumes.

## SECTION 5 - HEALTH HAZARD DATA

**PRIMARY ROUTES OF ENTRY:** [ X ] INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS

**ACUTE EFFECTS :** None Known.

**Inhalation:** Prolonged exposure to vapors may cause signs & symptoms of Central Nervous System Depression such as Headache, Dizziness, Weakness and Loss of Coordination. Vapor/Mist may result in irritation to the entire Respiratory Tract.

**Eye Contact:** Contact with eyes may result in severe eye irritation and possible damage of the Corneal. Redness and Tearing.

**Skin Contact:** Prolonged or Repeated skin contact may result in skin irritation leading to Dermatitis. Defatting of skin may also occur.

**Ingestion:** Ingestion of this product may result in Gastrointestinal Irritation, Headache, Nausea, Vomiting and Diarrhea.

**CHRONIC EFFECTS:** None Known.

**Medical Conditions Generally Aggravated by Exposure:** None Known.

## EMERGENCY FIRST AID PROCEDURES

**Eye Contact:** Remove contact lenses immediately. Flush eyes with plenty of water for at least 15 minutes. Get immediately medical attention.

**Skin Contact:** Wash skin with plenty of water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

**Inhalation:** Remove to Fresh Air. Give Oxygen or CPR. Get immediately medical attention.

**Ingestion:** Do not give anything by mouth to an unconscious or convulsing person. Do not induce vomiting. Get immediately medical attention.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

**Respiratory Protection (specify type):** USE SELF CONTAINED AIR MASK IN CLOSED ROOMS.

**Protective Gloves:** Neoprene or Rubber Gloves.

**Eye Protection:** SAFETY GLASSES OR MONOGOGGLES.

**Ventilation Requirements:** GOOD VENTILATION SHOULD BE MAINTAINED.

**Other Protective Clothing & Equipment:** Impervious apron and boots. Provide emergency safety showers and eye wash fountain near work area.

**Hygienic Work Practices:** Do not mix this product with other chemicals. Toxic Fumes may be emitted.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps To Be Taken If Material Is Spilled Or Released:** KEEP UNNECESSARY PEOPLE AWAY. SPILLS ARE SLIPPERY. DIKE & CONTAIN WITH INERT ABSORBENT MATERIAL. COLLECT FOR DISPOSAL.

**Waste Disposal Methods:** CONSULT LOCAL AUTHORITY FOR ALTERNATE METHODS. OBSERVE ALL LOCAL, STATE & FEDERAL REGULATIONS.

**Precautions To Be Taken In Handling & Storage:** STORE IN A COOL WELL VENTILATED AREA AWAY FROM SPARK, HEAT AND OPEN FLAME.

**Other Precautions &/or Special Hazards:** KEEP OUT OF REACH OF CHILDREN.

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only