



**320 North Walnut  
Bloomington, IN. 47404**

**Tel: 812.334.9996    Fax: 812.334.0916    Emergency: 800-424-9300**

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**Handling and Storage Information:** Must be stored to avoid contact with strong acids (such as hydrochloric, sulfuric and nitric); any organic material; or any other combustible or oxidizable solid, liquid or gas since violent reactions occur. Store in tightly closed containers in a cool well-ventilated area. Protect containers from physical damage. Do not eat, smoke or drink where potassium permanganate is handled, processed or stored. Wash hands carefully before eating or smoking. Do not dry sweep for clean up. Use a vacuum or wet method to reduce dust during cleanup.

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**Leak/Spill Information:** Restrict persons not wearing protective equipment from area of spill or leak until clean up is complete. Absorb liquids in vermiculite, dry sand, earth or a similar material and deposit in sealed containers. Collect material in the most convenient and safe manner and deposit in sealed containers. Keep out of a confined space, such as a sewer, because of the possibility of an explosion. Contact the DEP and EPA for specific recommendations on disposal.

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**Disposal Information:** Dispose of in accordance with local, state (DEP) and federal regulations(EPA).

RCRA Hazardous waste: No

CERCLA: No

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**Health Hazard Information:**

**A. Exposure/Health Effects**

Threshold Limit Value:	Not Est.
Primary routes of exposure:	Eyes, skin, ingestion
Oral LD <sub>50</sub> :	1090 mg/kg
Dermal Irritation-Rabbit:	Unknown
Eye Irritation-Rabbit:	Unknown
OSHA PEL:	Not Est.
ACGIH TLV:	Not Est.
Known effects on other illness:	Unknown
Listed Carcinogen:	None

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**Chronic Exposures:** May cause mutations. High exposure could cause a buildup of fluid in the lungs (pulmonary Edema). This can cause death.

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**B. First Aid:**

**Inhalation:** Remove the person from exposure. Begin rescue breathing if breathing has stopped and CPR if heart action has stopped. Transfer promptly to a medical facility. Can irritate nose, throat and respiratory tract causing cough and chest tightness. Higher exposure could cause a buildup of fluid in the lungs (pulmonary Edema). Medical observation is recommended for 24 to 48 hours after breathing overexposure, as Pulmonary Edema may be delayed.

**Ingestion:** Can cause burning of throat, nausea, vomiting and stomach pain. A tracheotomy may be required if swelling in throat blocks air. Seek medical attention.

**Skin Contact:** Can cause irritation or burns. Quickly remove contaminated clothing. Immediately wash area with large amounts of water. Seek medical attention.

**Eye Contact:** Irrigate eyes with the eyelid open for 15 minutes, occasionally lifting up upper and lower lids. Consult an ophthalmologist, can cause severe damage which can be permanent.

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**C. Toxicity Data**

TSCA: We certify that all components of this product are registered under the regulations of the toxic substances control act.

SARA Title III, Sect. 313: Not listed.

DOT regulated: Yes

Emergency response guide: 35

Hazard Classification: (5.1)

Label: Oxidizer

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**Occupational Control Measures:**

**Airborne Exposure Limits:**

**Ventilation Systems:** Where possible use local exhaust.

**Personal Respirators:** For dust use a MSHA/NIOSH recommended dust mask. Where potential for high exposures exist use MSHA/NIOSH approved supplied air respirator with a full face piece operated in the positive pressure mode or with a full face piece, hood or helmet in the continuous flow mode or self contained breathing apparatus with a full face piece operated in pressure demand or other positive pressure mode.

**Skin Protection:** Rubber gloves. Protective work clothing.

**Eye Protection:** Splash proof chemical goggles/face shield when working with liquid; dust proof goggles when working with powders or dust, unless full face piece respiratory protection is worn. Eye wash fountains.