



**Methods and materials for containment and cleaning up:** Sweep up and shovel into suitable containers for disposal. Do not mix waste streams during collection. Avoid dust formation. Never return spills in original containers for re-use. Treat recovered material as described in the "Disposal considerations".

## 7. HANDLING AND STORAGE

**Handling:** Avoid dust formation. Ensure adequate ventilation. Keep away from heat and sources of ignition. Keep away from incompatible products. Use only clean and dry utensils. Never return unused material to storage receptacle.

**Storage:** Keep only in the original container properly labeled. Keep in a well-ventilated dry place. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not let temperature exceed 104F/40C. Avoid dust formation. Keep away from incompatible products.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses or safety goggles are recommended.

**Skin:** Chemical resistant gloves (rubber or plastic gloves) are recommended. If dust is produced use dust impervious protective suit.

**Respiratory:** Where overexposure may exist, the use of an approved NIOSH/MSHA dust respirator is advised. Engineering or administrative controls should be implemented to control dust.

**Engineering Controls:** Provide sufficient area or local exhaust to maintain exposure below the TLV-TWA. Provide appropriate exhaust ventilation at places where dust is formed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** NA **Specific Gravity:** 2.050 (H<sub>2</sub>O=1) **Vapor Pressure:** NA **Melting Point:** 527F/275C **Vapor Density:** NA

**Evaporation Rate:** ND **Solubility in Water:** Slightly – Decomposes in contact with water **pH:** NA

**Appearance and Odor:** White powder in water soluble packets odourless.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When strongly heated, decomposition is oxygen.

**Chemical Stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Exposure to moisture. Keep at temperature not exceeding: 527F/275C.

**Incompatibility:** Acids, Bases, Heavy metal salts, Reducing agents, Organic materials, Flammable materials.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

**Acute oral toxicity:** LD50, rat, >2,000 mg/kg **Acute inhalation toxicity:** LC50, rat, >5,000 mg/kg **Acute dermal irritation/corrosion:** LD50, rat >2,000 mg/kg **Skin irritation:** rabbit, no skin irritation **Eye irritation:** rabbit, severe eye irritation **Sensitization:** No

## 12. ECOLOGICAL INFORMATION

**Acute toxicity:** fishes LC50, 48 h, 160 mg/l

**Mobility:** Air – NA **Water** – Low solubility and mobility **Soil/sediments** – no data available

**Persistence and degradability:** **Air** – NA **Water/soil** – complexation/precipitation of inorganic materials **Water** – hydrolyses

**Biodegradation:** The methods for determining biodegradability are not applicable to inorganic substances.

**Remarks:** Diluted product is rapidly neutralized at environmental PH. Aquatic toxicity is unlikely due to low solubility. Does not bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

**Unlisted RCRA Hazardous Waste (40 CFR 302) – Yes** **D001 (ignitable waste).**

## 14. TRANSPORT INFORMATION

**DOT- Land:** UN 1457, Calcium Peroxide, 5.1, PG II

**TDG:** UN 1457, Calcium Peroxide, 5.1, PG II

**UN- IATA & IMDG:** UN 1457, Calcium Peroxide, 5.1, PG II

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** None

**TSCA (Toxic Substances Control Act):** Listed in USA, Australia – Listed, Canada (DSL) Listed, Korea – Listed, EU (EINECS) - Listed

**SARA Title III Section 302 EHS:** Not regulated

**SARA Title III Section 311/312:** Acute Health Hazard – Yes, Fire Hazard - Yes

**SARA Title III Section 313 Toxic Chemicals:** No regulated

**WHMIS Classification:** C – Oxidizing Material, D2B – Toxic Material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.