

POTASSIUM SUPEROXIDE

Section 1 - Product and Company Identification POTASSIUM SUPEROXIDE

Product Identification: POTASSIUM SUPEROXIDE

Date of MSDS: 11/15/1985 **Technical Review Date:** 02/26/2010

Manufacturer's Information

Manufacturer's Name: [REDACTED]

[REDACTED]

Manufacturer's Address1: [REDACTED]

Manufacturer's Country: [REDACTED]

Emergency Telephone: [REDACTED]

Reviewed: Y

Section 2 - Composition/Information on Ingredients POTASSIUM SUPEROXIDE

Ingredient Name: POTASSIUM DIOXIDE

Ingredient CAS Number: 12030-88-5 **Ingredient CAS Code:** M

RTECS Number: TT6053000 **RTECS Code:** M

Section 3 - Hazards Identification, Including Emergency Overview POTASSIUM SUPEROXIDE

Health Hazards Acute & Chronic: SKIN: CORROSIVE, DESTRUCTION, SKIN MAY TURN RED OR BLACK, ITCHING, & BURNING SENSATION. EYES: CORROSIVE. INHALATION: CORROSIVE TO MUCOUS MEMBRANES OF NOSE & THROAT.

Signs & Symptoms of Overexposure: N/A

Medical Conditions Aggravated by Exposure: N/A

LD50 LC50 Mixture: N/K

Route of Entry Indicators:

Inhalation: YES **Skin:** YES **Ingestion:** YES

Carcinogenicity Indicators

NTP: NO **IARC:** NO **OSHA:** NO

Carcinogenicity Explanation: NONE

Section 4 - First Aid Measures
POTASSIUM SUPEROXIDE

First Aid:

CAUSES CAUSTIC BURNS EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS, HOLDING LID OPEN. SKIN: FLUSH W/PLENTY OF WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Section 5 - Fire Fighting Measures
POTASSIUM SUPEROXIDE

Fire Fighting Procedures:

WEAR PRESSURE DEMAND SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE & FULL PROTECTIVE CLOTHING. PROTECT AGAINST CAUSTIC SMOKE & WATERS.

Unusual Fire or Explosion Hazard:

N/K

Extinguishing Media:

SINCE POTASSIUM SUPEROXIDE DOESN'T BURN, USE PROPER EXTINGUISHER FOR OTHER MATERIALS INVOLVED IN FIRE.

Flash Point: Flash Point Text: N/K

Autoignition Temperature:

Autoignition Temperature Text: N/A

Lower Limit(s): N/K

Upper Limit(s): N/K

Section 6 - Accidental Release Measures
POTASSIUM SUPEROXIDE

Spill Release Procedures:

WEAR PROTECTIVE EQUIPMENT. COLLECT IN UNPAINTED ALL-METAL CONTAINER & COVER LOOSELY. TRANSPORT IMMEDIATELY TO CHEMICAL DISPOSAL AREA FOR DISPOSAL BY TRAINED PERSONNEL.

Section 7 - Handling and Storage
POTASSIUM SUPEROXIDE

Handling and Storage Precautions:

Other Precautions:

Section 8 - Exposure Controls & Personal Protection
POTASSIUM SUPEROXIDE

Respiratory Protection: USE NIOSH/MSHA APPROVED FILTER-TYPE RESPIRATOR

Ventilation: ADEQUATE

Protective Gloves: CHEMICAL RESISTANT, NEOPRENE, VINYL

Eye Protection: CHEMICAL GOGGLES, FACESHIELD

Other Protective Equipment: WATER IMPERVIOUS CLOTHING, RUBBER GLOVES, RUBBER BOOTS, EYE WASH STATION & SHOWERS

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Health & Safety Information: N/A

Section 9 - Physical & Chemical Properties
POTASSIUM SUPEROXIDE

HCC:

NRC/State License Number:

Net Property Weight for Ammo:

Boiling Point: Boiling Point Text: N/A

Melting/Freezing Point: Melting/Freezing Text: N/A

Decomposition Point: Decomposition Text: N/A

Vapor Pressure: N/A Vapor Density: N/A

Percent Volatile Organic Content:

Specific Gravity: N/A

Volatile Organic Content Pounds per Gallon:

pH: N/A

Volatile Organic Content Grams per Liter:

Viscosity: N/A

Evaporation Weight and Reference: N/A

Solubility in Water: REACTS VIGOROUSLY

Appearance and Odor: CANARY YELLOW SOLID, EITHER FINE POWDER OR GRANULES W/NO ODOR

Percent Volatiles by Volume: N/A

Corrosion Rate: N/A

Section 10 - Stability & Reactivity Data
POTASSIUM SUPEROXIDE

Stability Indicator: YES

Materials to Avoid:

STRONG OXIDIZERS, ORGANICS INCLUDING FUELS, SOLVENTS, GREASES, & LUBRICANTS

Stability Condition to Avoid: WATER

Hazardous Decomposition Products: N/A

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization: N/A

Section 11 - Toxicological Information
POTASSIUM SUPEROXIDE

Toxicological Information: N/A

Section 12 - Ecological Information
POTASSIUM SUPEROXIDE

Ecological Information: N/A

Section 13 - Disposal Considerations
POTASSIUM SUPEROXIDE

Waste Disposal Methods:

IN WELL-VENTILATED AREA (HOOD W/SCRUBBER PREFERRED), SPRAY W/PLENTY OF WATER. FOAMING WILL OCCUR & OXYGEN GAS & CAUSTIC MIST WILL BE GENERATED. NEUTRALIZE SOLUTION BEFORE DISPOSAL. DISPOSE IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

Section 14 - MSDS Transport Information
POTASSIUM SUPEROXIDE

	IATA	IMO	RID/ADR
Shipping Name:	POTASSIUM SUPEROXIDE	POTASSIUM SUPEROXIDE	POTASSIUM SUPEROXIDE
Hazard Class:	5.1	5.1	5.1
UN Number:	2466	2466	2466
Packing Group:	I	I	I

Section 15 - Regulatory Information
POTASSIUM SUPEROXIDE

SARA Title III Information: N/A

Federal Regulatory Information: N/A

State Regulatory Information: N/A

Section 16 - Other Information
POTASSIUM SUPEROXIDE

Other Information:

N/A