MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Click http://www.lookchem.com/cas-120/12030-88-5.html for suppliers of this product.

Composition/Information on Ingredient

Cas: 12030-88-5 Code: Μ **RTECS:** TT6053000

Code: Μ

Name: POTASSIUM SUPEROXIDE

Other REC Limits:

NOT ESTABLISHED

OSHA PEL:

OSHA STEL:

ACGIH TLV:

ACGIHSTEL:

Ventilation:

Protective Gloves:

Eye Protection:

Other Protective Equipment:

Supplemental Safety and Health:

Health Hazards Data

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity:

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

WATER. GET MEDICAL ATTENTION.

FOR DISPOSAL BY TRAINEDPERSONNEL.

NONE SPECIFIED BY MANUFACTURER.

Handling And Storage Precautions:

MATERIALS SUCH AS ORGANICS, COMBUSTIBLES.

Fire and Explosion Hazard Information

Spill Release Procedures:

Neutralizing Agent:

Other Precautions:

Flash Point Method:

IF EXPOSED.

Flash Point:

Flash Point Text: **RELEASES OXYGEN**

Autoignition Temp:

Autoignition Temp Text:

N/P

N/A

N/R

N/R

WATER.

HCC: D1

N/R

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text: DECOMPOSES

Decomp Temp:

Decomp Text: 797F,425C

Vapor Pres: UNKNOWN

Vapor Density: UNKNOWN

Spec Gravity: 2.2 (CANISTER)

PH: N/K

Viscosity:

UNKNOWN

N/P

N/K

YES

VOC Pounds/Gallon:

VOC Grams/Liter:

Solubility in Water: **NOT APPLICABLE**

Corrosion Rate:

Stability Indicator:

Materials To Avoid:

Information:N/P

Information:N/P

UNKNOWN

Appearance and Odor:

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

www.lookchem.com

Other Information:N/P

MSDS Transport Information

Evaporation Rate & Reference:

KIT PARTS: FACEPIECE, HOSES, HARNESS, BREATHING BAG, ANTI-FOGGER, HOOD, CANISTER, WRENC 6

CONTACT OF MATERIALS LISTED BELOW WITH CANISTER CONTENTS WILL CAUSE A VIOLENT REACTION AND RUPTURE THE CANISTER.

EASILY OXIDIZED MATERIALS, ORGANICS (INCLUDING FUELS, SOLVENTS, GREASES, LUBRICANTS), ACIDS, COMBUSTIBLES.

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

WARRANTY

terms and conditions of sale.

Volatile Org Content %:

B.P. Text: UNKNOWN

Net Prop WT For Ammo:

Lower Limits:

Upper Limits:

Extinguishing Media:

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

CANISTER PRODUCING A CAUSTIC RUN-OFF WATER.

Physical/Chemical Properties

Waste Disposal Methods:

NONE OF THE COMPONENTS ARE LISTED BY NTP, IARC, OR OSHA.

Work Hygienic Practices:

CANISTER ONLY DATA.

LD50LC50Mixture:

YES

Skin: YES

NO

IARC: NO

OSHA: NO

First Aid:

Ingestion: YES 3

BEFORE REUSE.

NOT ESTABLISHED

Control Measures

USE NIOSH APPROVED RESPIRATOR IF NEEDED.

WEAR NEOPRENE, VINYL, OR RUBBER GLOVES.

5 CHEMICAL PROTECTIVE GOGGLES, FACESHIELD.

Equipment CHEMICALLY RESISTANT AND WATER IMPERVIOUS CLOTHING.

WASH AFTER HANDLING AND BEFORE EATING, DRINKING, AND SMOKING. LAUNDER CONTAMINATED CLOTHING

ON THESE CHEMICALS. EXPOSURE TO THESECHEMICALS IS NOT ANTICIPATED. SEE NSN 4240-00-174-1635 FOR

EXPOSURE TO CHEMICAL SOLIDS CONTAINED IN CANISTER IS NOT ANTICIPATED UNDER INTENDED CONDITIONS OF USE AND OVER EXPOSURE IS HIGHLY UNLIKELY. BASED ON CANISTER CONTENT. ACUTE: CONTACT MAY CAUSE SEVERE D AMAGE TO EYES, SKIN,

EYES: SEVERE DAMAGE, DISINTERGATION AND SLOUGHING OF CONJUNCTIVAL AND CORNEAL COVERING, CORNEAL OPACIFICATION, EDEMA AND ULCERATION. SKIN: REDDENING AND MAY TURN BLACK, BURNING SENSATION, SEVERE BURNS. INHALATION: MUCOUS

EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH WATER. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF VICTIM IS CONSCIOUS, GIVE TWO GLASSES OF

SPILLS.COLLECT IN UNPAINTED ALL-METAL CONTAINER AND COVER LOOSELY. TRANSPORT IMMEDIATELY TO CHEMICA L DISPOSAL AREA

MUCOUS MEMBRANES OF RESPIRATORY TRACT AND DIGESTIVE TRACT. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

MEMBRANE CORROSION, IRRITATION, COUGHING. INGESTION: CORROSION OF MUCOUS MEMBRANE, ABDOMINAL PAIN.

AVOID CONTACT WITH CANISTER CHEMICALS. WEAR PROTECTIVE EQUIPMENT IF EXPOSURE POSSIBLE.SWEEP UP SMALL

HAZARDOUS WASTE MANAGEMENT FACILITIES SHOULD COMPLY WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS. OBTAIN

4 STORE CANISTERS IN COOL, DRY AREA PROTECTED FROM CRUSHING OR IMPACT FORCES. STORE SEPARATE FROM INCOMPATIBLE

OXYGEN GENERATED BY THIS APPARATUS IS ACCOMPANIED BY HEAT. FOLLOW INSTRUCTIONS. DO NOT ATTEMPT TO OPEN CANISTER AS IT CONTAINS HAZARDOUS CHEMICALS. CANDLE PART CONTAINS PRIMER AND FLASH POWDER WHICH C AN CAUSE SERIOUS INJURY

PROCEDURE FOR SAFE HANDLING AND DEACTIVATION OF USED CHEMOX CANISTERS FROM MSA.

WEAR PRESSURE DEMAND SELF-CONTAINED BREATHING APPARATUS WITH FULL PROTECTIVE CLOTHING.

CONTAINERS MAY RUPTURE IN FIRE. LIBERATED OXYGEN WILL INTENSIFY FIRE. WATER WILL LEACH STRONG ALKALINE MATERIAL FROM

THIS ENTRY IS FOR THE BREATHING APPARATUS KIT THAT CONTAINS CHEMOX CANISTERS. THE APPARATUS WITHOUT CANISTERS IS NOT HAZARDOUS AND IS AN ARTICLE. CHEMICALS IN CANISTER ARE HAZARDOUS. THIS MSDS IS BASE D

NONE SPECIFIED BY MANUFACTURER.

Respiratory Protection:

Code:

Code:

Code: Μ

Code:

Μ

NONE RECOMMENDED