

MATERIAL SAFETY DATA SHEET**CHEMSPEC ® • 901 N. NEWKIRK STREET • BALTIMORE, MD 21205 • (410) 675-4800**

HEALTH = 2, FLAMMABILITY = 0, REACTIVITY = 1, SPECIAL = OXY, DEGREE OF HAZARD: 4 = EXTREME, 3 = HIGH, 2 = MODERATE, 1 = SLIGHT, 0 = INSIGNIFICANT

PRODUCT NAME: **RX for FRINGE**

DOCUMENT CODE: RX For Browning

CHEMICAL FAMILY: Oxidizer

DATE REVIEWED: 08/24/99

EMERGENCY 24-HOUR TELEPHONE # 1-800-424-9300 (CHEMTREC)

N/A = Not applicable

N/D = Not determined

SECTION I: HAZARDOUS INGREDIENTS/HEALTH HAZARD DATA

This product has not been tested as a whole for health effects on animals or humans. According to the OSHA Hazardous Communications Standard (29 CFR 1910.1200) any hazardous ingredients that comprise >1.0% of the material and any carcinogenic ingredients that comprise >0.1% must be listed on the MSDS.

SECTION I (a): List of carcinogenic ingredients at >0.1%.

None.

SECTION I (b): List of hazardous ingredients at >1.0%

NAME	CAS NO.
POTASSIUM PEROXYMONOSULFATE	10058-23-8
May cause skin, eye, nose and throat irritation. May cause allergic skin reaction. Ingestion may cause inflammation and ulcerations of stomach lining. Oral rat LD50 is 200 mg/kg; dermal rabbit LD50 is > 11,000 mg/kg; rat LC50 is > 5 mg/l. OSHA PEL 8 hr TWA's are 15 mg/m ³ (total dust) and 5 mg/m ³ (respirable dust).	
POTASSIUM CARBONATE	584-8-7
Eye contact may result in conjunctivitis and corneal destruction. Skin contact may cause chemical exothermic burns. Repeated dermal exposure may cause sensitivity reactions. Inhalation of dust, mists or spray may cause damage to the lung and lead to chemical pneumonia. Ingestion may cause burning sensation from mouth to stomach, inability to swallow, ulcerations of upper digestive tract, bloody vomitous, feeble rapid pulse and possibly collapse. Oral rat LD50 is 1870 mg/kg. OSHA PEL and ACGIH TLV not available.	

SECTION II: EMERGENCY AND FIRST AID PROCEDURES

EYES:	Flush with water for at least 15 minutes. Seek medical attention.
SKIN:	Remove contaminated clothing. Thoroughly wash exposed skin with soap and water.
INHALED:	Remove to fresh air. If symptoms persist or are severe seek medical attention.
INGESTION:	Do not induce vomiting. Drink 2 glasses of milk or water. Get immediate medical attention.
PHYSICIAN:	Treatment based on judgment of attending physician.

SECTION III: PHYSICAL / CHEMICAL DATA

APPEARANCE AND ODOR: Dry white free flowing powder with low odor.
WATER SOLUBILITY, % BY WT: 20 - 25 LOOSE BULK DENSITY: 1.2 - 1.35 g/cc
%VOLATILE BY WT: negligible pH @ USE: 5.5 - 6.5

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: N/D AUTO-IGNITION TEMPERATURE: N/D
EXPLOSIVE LIMITS - LEL: N/D UEL: N/D
EXTINGUISHING MEDIA: Water.
SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved self-contained positive-pressure breathing apparatus and protective clothing where this material is involved in a fire.
UNUSUAL FIRE AND EXPLOSION HAZARD: Releases oxygen when heated.

SECTION V: REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY: Halides or halogen compounds, cyanides, heavy metal and their salts, organic material, oils, greases, acids, reducing agents and limewater.
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: Possibly O₂, CO, CO₂, H₂O and unidentified compounds.

SECTION VI: SPILLS, LEAKS AND DISPOSAL PROCEDURES

WASTE DISPOSAL: In accordance with Federal, State and Local regulations. NEUTRALIZING CHEMICALS: Water.

SECTION VII: PROTECTION MEASURES

VENTILATION: Use in well-ventilated areas. EYE PROTECTION: Chemical resistant safety glasses.
RESPIRATORY PROTECTION: Use NIOSH/MSHA approved dust mask when airborne dust is anticipated.
GLOVES: Rubber gloves. OTHER PROTECTIVE EQUIPMENT: Body-covering clothing should be worn.

SECTION VIII: SPECIAL PRECAUTIONS

One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

DISCLAIMER OF LIABILITY

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.