

CENTRAL SCIENTIFIC CO -- 38423-25 POTASSIUM IODATE -- 6810-00-136-6700

=====
Product Identification
=====

Product ID:38423-25 POTASSIUM IODATE

MSDS Date:12/01/1994

FSC:6810

NIIN:00-136-6700

MSDS Number: BYTJR

=== Responsible Party ===

Company Name:CENTRAL SCIENTIFIC CO

Address:8315 LEE HWY

City:FAIRFAX

State:VA

ZIP:22031

Country:US

Info Phone Num:800-621-4778

Emergency Phone Num:800-424-9300 CHEM

TREC

Preparer's Name:R.M. CARLSON

CAGE:11273

=== Contractor Identification ===

Company Name:CENTRAL SCIENTIFIC CO (FORMERLY IN FRANKLIN PARK, IL.)

Address:8315 LEE HWY

Box:City:FAIRFAX

State:VA

ZIP:22031

Country:US

Phone:800-621-4778

CAGE:11273

=====
Composition/Information on Ingredients
=====

Ingred Name:POTASSIUM IODATE

CAS:7758-05-6

RTECS #:NN1350000

Fraction by Wt: >99%

Other REC Limits:NONE RECOMMENDED

=====
Hazards Identification
=====

=

Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic:ACUTE: IRRITATION TO SKIN, EYES,
LUNGS, MUCOUS MEMBRANES & GI TRACT. CHRONIC: LIVER/KIDNEY DAMAGE,
NERVE DISORDERS, BLOOD DAMAGE.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Overexposure:IRRITATION TO SKIN, EYES, MUCOUS MEMBRANES AND
GI TRACT. LIVER/KIDNEY DAMAGE, NERVE DISORDERS, BLOOD
DAMAGE.

Medical Cond Aggravated by Exposure:PERSONS WITH PREEXISTING SKIN, EYE,
RESPIRATORY OR KIDNEY/LIVER DISORDERS MAY BE MORE SUSCEPTIBLE.

=====
===== First Aid Measures =====

First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET
MEDICAL ATTENTION. SKIN-WASH WITH SOAP & WATER. GET MEDICAL
ATTENTION IF SYMPTOMS PERSIST. INHALED-REMOVE TO FRESH AIR. RESTORE
BREATHING AS NEEDED. GET MEDICAL ATTENTION. INGESTED-IF CONSCIOUS,

INDUCE VOMITING; GIVE SEVERAL GLASSES WATER & STICK FINGER DOWN
THROAT. SEEK IMMEDIATE MEDICAL ATTENTION.

=====
===== Fire Fighting Measures =====

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND
FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS. FLOOD WITH
WATER IF POSSIBLE TO REDUCE OXIDIZING ABILITIES.

Unusual Fire/Explosion Hazard:STRONG OXIDIZER!NONCOMBUSTIBLE BUT I
S

HAZARDOUS OXIDIZER.CONTACT W/OXIZIABLE MATERIALS MAY CAUSE
IGNITION,VIOLENT COMBUSTION OR EXPLOSION;INCREASES FLAMMABILITY

=====
===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP. AVOID DUSTING & CONTACT WITH EASILY
OXIDIZABLE MATERIALS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====
===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP
CONTAINER

TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions:FOR LABORATORY USE ONLY. NOT FOR FOOD, DRUG OR HOUSEHOLD USE. KEEP OUT OF REACH OF CHILDREN.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:DUST.

Ventilation:USE MECHANICAL OR LOCAL EXHAUST VENTILATION TO MAINTAIN OR MEET TLV/PEL.

Protective Gloves:POLY OR RUBBER.

Eye Protection:GOGGLES.

Other Protective Equipment:LAB COAT. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER, WASHING FACILITIES.

W

ork Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:D1

Melt/Freeze Pt:M.P/F.P Text:1040F,560C

Spec Gravity:3.89

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE CRYSTALS/POWDER, NO ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to A

void:YES

EASILY OXIDIZED MATLS, ALUMINUM, SULFIDES, CARBON, HYDROGEN PEROXIDE.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Products:OXIDES OF IODINE AND POTASSIUM.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE DISPOSED OF IN A RCRA APPROVED HAZARDOUS WASTE FACILITY. DO NOT FLUSH TO SEWER. DISCHARGE, TREATMENT OR DISPOSAL MAY BE SU

BJECT TO

LOCAL, STATE AND FEDERAL LAWS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.