

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 CHEMTREC

Preparer's Name:R.M. CARLSON

CAGE:11273

=== Contractor Ident

ification ===

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:N

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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 IS 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.  
Work 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 Avoid:YES  
EASILY OXIDIZED MATLS, ALUMINUM, SULFIDES, CARBON, HYDRO  
GEN 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 SUBJECT TO  
LOCAL, STATE AND FEDERAL LAWS.

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ed with this information by the compiling agencies):

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