

OLIN CORPORATION, CHEMICALS GROUP -- POTASSIUM IODIDE, ACS -- 6810-00-880-2462

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Product Identification
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Product ID:POTASSIUM IODIDE, ACS

MSDS Date:03/12/1992

FSC:6810

NIIN:00-880-2462

MSDS Number: BMCDN

=== Responsible Party ===

Company Name:OLIN CORPORATION, CHEMICALS GROUP

Address:120 LONG RIDGE ROAD

City:STAMFORD

State:CT

ZIP:06904

Country:US

Preparer's Name:DOD-HMIS (DGSC-SSH)

CAGE:

0G578

=== Contractor Identification ===

Company Name:OLIN CORP CHEMICALS GROUP

Address:120 LONG RIDGE RD

City:STAMFORD

State:CT

ZIP:06904

Country:US

Phone:203-356-3449,CHEMTREC 800-242-9300

CAGE:53084

Company Name:OLIN CORPORATION

Address:120 LONG RIDGE ROAD

City:STAMFORD

State:CT

ZIP:06904-1355

Country:US

Phone:203-356-3449

CAGE:0G578

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM IODIDE

CAS:7681-11-0

RTECS #:TT2975000

Fraction by Wt: 100.0%

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===== Hazards Identification =====
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LD50 LC50 Mixture:1862MG/KG ORAL-MOUSE LDLO

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF

EYES,SKIN,RESPIRATORY OR G.I. TRACT,REDNESS OR PAIN IN EYES;POISON

MAY AFFECT THE THYROID GLAND, POISON FROM SALTS MAY RESULT IN

SENSITIZATION REACTION;HYPOTHYROID EFFECT. CHRONIC:I ODISM,SKIN

RASHES,JOINT PAIN,AST

HMA,CONJUNCTIVITIS.

Explanation of Carcinogenicity:PER MSDS DATA.

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

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===== First Aid Measures =====
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First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15- 20 MINUTES.SEEK
MEDICAL ATTENTION IMMEDIATELY. SKIN:WASH THOROUGHLY WITH PLENTY OF
WATER;MAY USE MILD DETERGENT;SEEK MEDICAL HELP IF NEEDED.

INHALATION:RE MOVE TO FRES

H AIR;CONSULT A PHYSICIAN IMMEDIATELY.

INGESTION: IF CONSCIOUS,GIVE 2-4 GLASSES OF WATER,INDUCE

VOMITING,CALL A PHYSICIAN.

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===== Fire Fighting Measures =====
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Flash Point:NON-FLAMMABLE

Extinguishing Media:DRY CHEMICAL,CO*2,HALON,WATER SPRAY.

Fire Fighting Procedures:IF APPLICABLE,USE NIOSH/MSHA APPROVED SCBA IN
AN ENCLOSED AREA.

Unusual Fire/Explosion Hazard:NONE NOTED.

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===== Accidental Release Measures =====
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Spill Rele

ase Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR
VACUUM AND RECOVER FOR PROPER DISPOSAL.

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===== Handling and Storage =====
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Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED
AREA; KEEP AWAY FROM OXIDIZERS,STRONG ACIDS.

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===== Exposure Controls/Personal Protection =====
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST
IF ABOVE PEL/TLV (RESP DUST).

Ventilation:LOCAL/GENERAL TO MAI

NTAIN PEL/TLV (RESP DUST).

Protective Gloves:IMPERVIOUS.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:APRON,EYE-WASH FACILITIES.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE
DUST/MIST;WASH THOROUGHLY AFTER USE.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:2426F/1330C

Melt/Freeze Pt:M.P/F.P Text:1258F/681C

Vapor Pres:1MMHG

Spec Gravity:3.1

pH:6-9.2

Solubility in Water:S

OLUBLE (127.5%)

Appearance and Odor:COLORLESS TO WHITE,DELIQUESCENT GRANULES OR POWDER
WITH A STRONG,BITTER TASTE.

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

Stability Indicator/Materials to Avoid:YES

ALKALI METALS,BROMINE,OXIDANTS,PERCHLORIC ACID.

Stability Condition to Avoid:EXTREME HEAT.

Hazardous Decomposition Products:OXIDES OF POTASSIUM AND HYDROGEN
IODIDE.

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

Waste Disposal Methods:DISPOS

AL MUST BE IN ACCORDANCE WITH LOCAL,STATE
AND FEDERAL REGULATIONS.

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