

LABCHEM, INC. -- LC19610, POTASSIUM IODATE, 0.00564N TO 0.1N -- 6810-01-467-0807

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

Product ID:LC19610, POTASSIUM IODATE, 0.00564N TO 0.1N

MSDS Date:01/24/1991

FSC:6810

NIIN:01-467-0807

Status Code:A

MSDS Number: CKWVP

=== Responsible Party ===

Company Name:LABCHEM, INC.

Address:200 WILLIAM PITT WAY

City:PITTSBURGH

State:PA

ZIP:15238

Country:US

Info Phone Num:412-

826-5230

Emergency Phone Num:412-826-5230

Preparer's Name:AL BERANEK

CAGE:0MX47

=== Contractor Identification ===

Company Name:LABCHEM, INC.

Address:200 WILLIAM PITT WAY

Box:City:PITTSBURGH

State:PA

ZIP:15238

Country:US

Phone:412-826-5230

CAGE:0MX47

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

Ingred Name:POTASSIUM IODATE

CAS:7758-05-6

RTECS #:NN1350000

Minumum % Wt:.11

Maxumum % Wt:2.

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: BALANCE

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

LD50 LC50 Mixture:LD50: 136MG/KG IP-MOUSE

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

Health Hazards Acute and Chronic:ACUTE: NO INHALATION/SKIN CONTACT DATA AVAILABLE. MAY BE CONSIDERED AN IRRITANT. ORAL OR INTRAVENOUS ADMINISTRATION OF IODATES MAY CAUSE RETINAL DAMAGE OF EYE. INGESTION MAY RESULT IN VOMITING, DIARRHEA, ABDOMINAL PAIN, COLLAPSE, LETHARGY, HYPOTENSION, FAST PULSE, DEAFNESS, IRREVERSIBLE

RETINAL DAMAGE, COMA, CONVULSIONS, HEMATURIA, OLIGURIA OR ANURIA WITH DAMAGE TO KIDNEYS, LIVER, GASTRIC MUCOSA, AND BLADDER. CHRONIC INGESTION MAY CAUSE HEMOSIDEROSIS IN THE LIVER, KIDNEY AND SPLEEN.

Explanation of Carcinogenicity:NONE REPORTED.

Effects of Overexposure:ACUTE: NO INHALATION/SKIN CONTACT DATA AVAILABLE. MAY BE CONSIDERED AN IRRITANT. ORAL OR INTRAVENOUS ADMINISTRATION OF IODATES MAY CAUSE RETINAL DAMAGE OF EYE. INGESTION MAY RESULT IN VOMITING, DIARRHEA, ABDOMINAL PAIN, COLLAPSE, LETHARGY, HYPOTENSION, FAST PULSE, DEAFNESS, IRREVERSIBLE RETINAL DAMAGE, COMA, CONVULSIONS, HEMATURIA, OLIGURIA OR ANURIA WITH DAMAGE TO KIDNEYS, LIVER, GASTRIC MUCOSA, AND BLADDER. CHRONIC INGESTION MAY CAUSE HEMOSIDEROSIS IN THE LIVER, KIDNEY AND SPLEEN.

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

First Aid:INHALATION: MOVE VICTIM TO FRESH AIR, GIVE ARTIFICIAL RESPIRATION . KEEP VICTIM WARM, AT REST. GET MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING, WASH AREA WITH SOAP AND WATER. FLUSH WITH LARGE AMOUNTS OF WATER UNTIL CHEMICAL IS GONE(15-20MIN.) GET MEDICAL AID. EYE: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER (15-20 MIN.) LIFTING UPPER/LOWER LIDS OCCASIONALLY UNTIL CHEMICAL IS GONE. GET MEDICAL AID AT ONCE. INGESTION: GET MEDICAL AID IMMEDIATELY. MEDICAL PERSONNEL MAY GIVE CONSCIOUS VICTIM GASTRIC LAVAGE OR EMESIS. MAINTAIN BLOOD PRESSURE AND AIRWAYS-ADMINISTER OXYGEN FOR DEPRESSED RESPIRATION.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY, FOAM.

Fire Fighting Procedures:NEGLIGIBLE FIRE AND EXPLOSION HAZARD WHEN EXPOSED TO HEAT OR FLAME. NO ACUTE HAZARDS. MOVE CONTAINER IF POSSIBLE, AVOID BREATHING VAPORS AND DUSTS.

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

Spill Release Procedures:ABSORB WITH SUITABLE

E INERT

ABSORBENT(VERMICULITE, DIATOMACEOUS EARTH, SAND) AND SCOOP INTO PLASTIC CONTAINER FOR LATER DISPOSAL.

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

Handling and Storage Precautions:STORE CAPPED, PROTECTED FROM HEAT AND INCOMPATIBLE MATERIALS.

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

Respiratory Protection:PROVIDE GENERAL DILUTION VENTILATION.
RESPIRATORS NOT REQUIRED.

Ventilation:PROVIDE GENERAL DILUTION VENTILATION.

Pr

otective Gloves:RECOMMENDED

Eye Protection:RECOMMENDED

Work Hygienic Practices:AVOID PROLONGED CONTACT.

Supplemental Safety and Health

CAT # LC19600, LC19610; LC19630.

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

HCC:N1

Boiling Pt:=100.C, 212.F

Melt/Freeze Pt:=0.C, 32.F

Vapor Pres:14 MM HG

Vapor Density:0.7

Spec Gravity:1.0

Solubility in Water:SOLUBLE

Appearance and Odor:COLORLESS, ODORLESS LIQUID

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

Sta

bility Indicator/Materials to Avoid:YES

EXPLOSIVE WITH WHITE/RED PHOSPHOROUS AND WATER, FINELY DIVIDED ORGANIC MATTER, ALUMINUM, ARSENIC, PHOSPHORUS, CARBON, SULFUR, THIOCYANATES, IMPURE MAGNESIUM DIOXIDE; SULFIDES OF ANTIMONY, COPPER, TIN, REDUCING AGENTS.

Stability Condition to Avoid:INCOMPATIBLES.

Hazardous Decomposition Products:TOXIC FUMES OF HYDROGEN IODINE AND OXIDES OF POTASSIUM

===== Toxicological Information =====

Toxicological Information

:TOXICITY: IODATES MAY AFFECT KIDNEYS, CAUSE
HEMOLYSIS. LDLO: 531 MG/KG ORAL-MOUSE; 400 MG/KG ORAL-GUINEA PIG.
LD50: 136 MG/KG IP-MOUSE. CARCINOGENICITY: NONE REPORTED.EXPOSURE
LIMITS: NONE ESTABLISHED FOR POTASSIUM IODATE.

===== Ecological Information =====

Ecological:NO DATA PROVIDED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE,
AND
LOCAL LAWS.

===== MSDS Transport Information =====

Transport Information:NO DATA PROVIDED BY MANUFACTURER.

===== Regulatory Information =====

SARA Title III Information:NO DATA PROVIDED BY MANUFACTURER.

Federal Regulatory Information:CERCLA RATING: HEALTH-0, FIRE-0,
REACTIVITY-0, PERSISTENCE-0.

State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

===== Other Information =====

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