

FISHER SCIENTIFIC CO -- POTASSIUM BROMIDE -- 6810-00-222-9695

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

Product ID:POTASSIUM BROMIDE

MSDS Date:05/30/1995

FSC:6810

NIIN:00-222-9695

MSDS Number: BDKDX

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO

Address:1 REAGENT LANE

City:FAIRLAWN

State:NJ

ZIP:07419

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:201-796-7100 800-424-9300(CHEMTR  
EC)

CAGE:22527

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO

Address:2000 PARK LN

Box:City:PITTSBURGH

State:PA

ZIP:15275

Country:US

Phone:412-490-8586

CAGE:22527

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

Ingred Name:POTASSIUM BROMIDE

CAS:7758-02-3

RTECS #:TS7650000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 3120 MG/KG

Routes of E

ntry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY  
CAUSE IRRITATION.CHRONIC:BROMOACNE(DERMATITIS).INHAL:MAY CAUSE  
RESPIRATORY TRACT  
IRRITATION.INGEST:NARCOTIC.CHRONIC:ANOREXIA,DEHYDRATION,CONSTIPATIO  
N.MAY CAUSE RHINI TIS AND BRONCHIAL IRRITATION,SKIN,EYE AND  
NEUROLOGICAL EFFECTS.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE ID

ENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:ACUYE-NAUSEA,VOMITING,ABDOMINAL PAIN,PROFOUND  
STUPOR,PARALYSIS AND COMA.CHRONIC-PAIN IN SWALLOWING,FOUL  
BREATH,FURRY TONGUE,WEIGHT LOSS,SKIN RASH(POSSIBLY  
VESSICULAR),LESIONS,OCCULAR BOBBING,DISTURBAN CE OF COLOR  
VISION,CONJUNCTIVITIS,DIZZINESS,DROWSINESS,WEAKNESS,FATIGUE,PSYCHOT  
IC OR DEPRESSED BEHAVIOR.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid

Measures =====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND  
WATER.GET MEDICAL ATTENTION.EYES:FLUSH WITH NORMAL SALINE OR WATER  
FOR 15 MINUTES.GET MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE  
OXYGEN OR AR TIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE  
VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.FOR SPONTANEOUS  
VOMITING,KEEP HEAD LOWER THAN HIPS.(SEE SUPPL)

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Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.STAY UPWIND WHEN FIGHTING FIRE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures =====

Spill Release Procedures:SWEEP OR VACUUM;DO NOT CREATE DUST;PLACE IN AN  
APPROPRIATE DRY CONTAINER FOR DISPOSAL.DO NOT FLUSH SPILLED  
MATERIAL TO SEW

ER.KEEP UNNECESSARY PEOPLE AWAY.

Neutralizing Agent:NOT APPLICABLE.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:DO NOT TAKE INTERNALLY. AVOID BREATHING OF DUSTS. AVOID CONTACT WITH EYES AND SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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Exposure Controls/Personal Protection  
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Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST, DEPENDING ON THE AIRBORN CONCENTRATION.

Ventilation:USE LOCAL EXHAUST.

Protective Gloves:CHEMICALLY RESISTANT

Eye Protection:DUST-PROOF GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work

Hygienic Practices:EXECISE GOOD LABORATORY PRACTICES.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

FOR BROMINE POSIONING, GIVE NA CL, 1GM/HR(ORALLY-AS TABLE SALT).WHERE ORAL INVOLVEMENT IS IMPOSSIBLE, GIVE NORMAL SALINE(1L/8HR-IV;MAXIMUM OF 2 LITERS),UNTIL BLOOD BROMINE LEVEL DROPS BELOW 50MG/DL.DIURETICS MAY BE ADMINISTERED SIMULTANEOUSLY.PH OF 5% SOLUTION IS 5-8.8.

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Physical/Chemical Properties  
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HCC:N1

Boiling Pt:B

.P. Text:2615F,1435C

Melt/Freeze Pt:M.P/F.P Text:1353F,734C

Vapor Pres:1 @ 795C

Vapor Density:NIL

Spec Gravity:2.75

pH:SUPPL

Solubility in Water:NOT APPLICABLE,53.5%

Appearance and Odor:HYGROSCOPIC XLS/WHITE

GRANULES/POWDER,ODORLESS,COLORLESS,BITTER-SALINE TASTE

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENT,HEAVY METAL SALS,ACIDS,BROMINE TRIFLUORIDE,BROMINE TRICHLORIDE.

Stability Condition to Avoid:

NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: TOXIC FUMES OF BROMINE AND OXIDES OF POTASSIUM.

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

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

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