View NSN Online: https://aerobasegroup.com/nsn/6810-00-236-5341

Product ID:BROMINE, CAT #0441

MSDS Date:01/01/1987

FSC:6810

NIIN:00-236-5341

MSDS Number: BDLSX === Responsible Party ===

Company Name: MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION

Address: PARIS BYPASS

Box:M City:PARIS State:KY ZIP:40361 Country:US

Info Phone Num:314-982-5000

Eme

rgency Phone Num:314-982-5000

CAGE:62910

=== Contractor Identification ===

Company Name: MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ ZIP:08865 Country:US

Phone:908-859-2151

CAGE:62910

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

Ingred Name:BROMINE (SARA III)

CAS:7726-95-6

RTECS #:EF9100000 Fraction by Wt: >98%

OSHA PEL:0.1PPM/0.3 STEL

ACGIH TLV:O.1PPM/0.3 STEL;9192

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

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Effects of Overexposure:INH:LIQ/VAP CORR TO BODY TISSUES;ING:CORR/VOMITG,SORE THROAT;SKIN/EYES:CORR.CAUSES PAIN,BLRRD VISION
======================================
First Aid:INHAL:RMV TO FRESH AIR.IF NEEDED,GIVE CPR/OXYGEN.GET MD;INGEST:GIVE SEVRL GL OF WATER.DO NOT INDUCE VOMITG.IMMED GET MD;SKIN:FLUSH W/LG QTY OF H*20 FOR 15 MIN.REMV CONTMNTD CLOTHES GET MD;EYES:IMMED F LUSH W/PLENTY OF H*20 FOR AT LEAST 15 MIN.GET MD.
===== ================================
Flash Point:NONE Extinguishing Media:EXTINQUISH W. AGENT SUITABLE FOR SURROUNDING FIRE. Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL CONTR. Unusual Fire/Explosion Hazard:NOT CONSDRD AS EXPLSN HAZARD;FUMES ARE EMITD WHEN HEATD.VAP CAN FLOW ALONG SURFCS TO LYING AREAS.
======== Accidental Release Measures ==========
Spill Release Procedures:ESTABLSH PLAN/TRNG FOR EMERGY.KEEP U
PWIND.VENT/EVAC AREA.USE PROTCTV CLOTHG/RESP EQUIP.CONTAIN/RECUR SPILLS IF POSS.NEUTRLZ SM SPILLS W/NA*2S*2O*3 SOLN.DIKE LG SPILL W/SAND.SPRAY WATER TO 1 INCH.CAREF ULLY,NEUTRLZ VAP IN AIR W/ANHYD NH*3(SEEDISPOSL)*
========== Handling and Storage ============
Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT COOL,DRY,VENTILATED PLACE.PROTECT AGAINST PHY DAMAGE.KEEP ABOVE 20F TO AVOID FREEZING BUT AVOID HEATG ABOVE ATM TEMP Other Preca
utions:AVOID BREATHING MIST.USE W/ADEQUATE VENTILATION.KEEP CONTAINRS CLOSED.WASH THOROUGHLY AFTER HANDLING.AVOID SKIN,EYES &

CLOTHING CONTACT.**NOTE:ALLOW ONLY QUALIFIED PERSONS TO WORK W/BROMINE.

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

Respiratory Protection: SUPPLIED AIR RESPIR/SCBA; ESCAPE: GAS MASK Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protective Gloves: IMPERVIOUS

Eye Protection: GOGGLES/FACE SHIELD

Other Protective Equipment: FULL PROTECTIVE

CLOTHING, SAFETY SHOWER, EYE WASH STATION
Supplemental Safety and Health
MSDS FROM MFR DATED:1 AUG 85 CONFORMS TO OSHA HAZ COMM STD;REACTS
W/WATER OR STEAM TO PRODUCE FUMES OF HYPOBROMOUSACID & HYDROGEN
BROMIDE;
========== Physical/Chemical Properties ==========
HCC:C1
Boiling Pt:=57.8C, 136.F
B.P. Text:58C(136F)
Vapor Pres:175
Vapor Density:5.5
Spec Gravity:3.1
Solubility in Water:MODERATE Appearance and Odor:DARK,REDDISH-BROWN FUMING LIQUID W/PUNGENT ODOR
Appearance and Oddr.DARR, REDDISH-BROWN FOINING EIQUID W/FUNGENT ODOR
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======= Stability and Reactivity Data =========
Stability Indicator/Materials to Avoid:YES
WATER, REDUCING AGENTS, FLAMM MATL, HG, TI, & AL.
Hazardous Decomposition Products: EMITS FUMES OF BROMINE & BROMIDES UPON
THRML DECOMPOSITION.
======= Disposal Considerations ==========
Waste Disposal Methods:*NEUTRLZ LIQ BROMINE W/SOLNS OF POT
CARBONATE, SOD CARBONATE OR SOD BICARBONATE. COLLECT OR FLUSH TO SUMP
FOR DISPOSAL; DISPOSAL:NEUTRALIZED WASTE MAY BE
CONTNRZD & DISPOSD
IN AN APPRVD WASTE DISPOSAL F ACILITY I/A/W LOC,ST,FED REGS;SALVAGE
BROMIN WASTE

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