View NSN Online: https://aerobasegroup.tw/nsn/6810-00-236-5342

## 

Product ID:BROMINE, CAT #0441

MSDS Date:01/01/1987

FSC:6810

NIIN:00-236-5342

MSDS Number: BDLSY === 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

Emer

gency 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 ======

=======================================
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 CONTAMTD CLOTHES.GET MD;EYES:IMMED F LUSH W/PLENTY OF H*20 FOR AT LEAST 15 MIN.GET MD.
========= Fire Fighting Measures ===============
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 UP
WIND.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(SEE DISPOSL)*
=========== Handling and Storage ==============
Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT COOL,DRY,VENTILATED PLACE.PROTECT AGAINST PHY DAMAGE.KEEP ABOVE 201 TO AVOID FREEZING BUT AVOID HEATG ABOVE ATM TEMP Other Preca
utions:AVOID BREATHING MIST.USE W/ADEQUATE VENTILATION.KEEP  CONTAINES 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: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
========= St ability 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 SUMF FOR DISPOSAL; DISPOSAL:NEUTRALIZED WASTE MAY BE CONTNRZD & DISPOSD
IN AN ADDDIVE WASTE DISCOUNT FACILITY WAS AND OR OT FED DECO CALLYAGE

IN AN APPRVD WASTE DISPOSAL F ACILITY I/A/W LOC,ST,FED REGS;SALVAGE BROMIN WASTE

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify a

nd assume responsibility for the suitability of this information to their particular situation.