

EVERPURE, INC. -- T9 BROMINATING CARTRIDGE, P/N 9631-01 -- 4610-01-321-5526

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

Product ID:T9 BROMINATING CARTRIDGE, P/N 9631-01

MSDS Date:04/22/1994

FSC:4610

NIIN:01-321-5526

MSDS Number: BTTCZ

=== Responsible Party ===

Company Name:EVERPURE, INC.

Address:660 N. BLACKHAWK DRIVE

City:WESTMONT

State:IL

ZIP:60559

Country:US

Info Phone Num:708-654-4000

Emergency Phone

Num:708-654-4000

Preparer's Name:W.H.BEAUMAN

CAGE:MO590

=== Contractor Identification ===

Company Name:EVERPURE, INC.

Address:660 BLACKHAWK DRIVE

Box:City:WESTMONT

State:IL

ZIP:60559-9005

Country:US

Phone:630-654-4000/FAX: 630-654-1115

CAGE:08576

Company Name:EVERPURE, INC.

Address:660 BLACKHAWK DR

Box:City:WESTMONT

State:IL

ZIP:60559-9005

Country:US

Phone:630-654-4000

CAGE:MO590

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

Ingred Name:BROMINE (SARA III)

CAS:7726-95-6

RTECS #:EF9100000  
Fraction by Wt: 30%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1 PPM/0.3  
ACGIH TLV:0.1PPM/0.3 STEL;9394

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:COUGHING, EYE IRRITATION,  
HEADACHE. CHRONIC:NONE  
Explanation of Carcinogenicity:MFR LISTED NO INFORMATION ABOUT THE  
CARCINOGENICITY OF THIS MATERIAL.  
HMIS DOES NOT EXPECT IT TO BE  
CARCINOGENIC.  
Effects of Overexposure:COUGHING, EYE IRRITATION, HEADACHE.  
Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN BY MFR ON  
MSDS.

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

First Aid:REMOVE TO FRESH AIR, RINSE EYES, GIVE OXYGEN IF NECESSARY.

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

Flash Point:WILL NOT BURN  
Lower Limits:--  
Upper Limits:--  
Extinguishing Media:N/A (WATER)  
Fire Fighting  
Procedures:SCBA--ACID GAS CANISTER  
Unusual Fire/Explosion Hazard:TOXIC FUMES--BROMINE, HBR

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

Spill Release Procedures:MAXIMIZE VENTILATION. NEUTRALIZE FUMES WITH  
MILD AMONIA. SWEEP UP, SEAL IN PLASTIC OR UNDER WATER.  
Neutralizing Agent:AMMONIA SOLUTION OR FUMES

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

Handling and Storage Precautions:PROTECT FROM HIGH TEMPERATURES. USE  
NOT HOOKS--SPILLED BEAD

S ARE SLIPPERY.

Other Precautions: VENTILATED SPACE PREFERRED.

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

Respiratory Protection: ACID-GAS CANISTER, IF NEEDED.

Ventilation: LOCAL EXHAUST

Protective Gloves: RUBBER/PLASTIC

Eye Protection: GOGGLES

Work Hygienic Practices: MFR: ? HMIS: USE STRICT CHEMICAL HYGIENE

PRACTICE. AVOID UNNECESSARY EXPOSURE. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

NONE

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

HCC: C1

NRC/State Lic Num: NONE

Decomp Temp: Decomp Text: 212F, 100C

Vapor Density: 7.1

Spec Gravity: 1.2

pH: 5

Evaporation Rate & Reference: L.T. 1

Solubility in Water: 30%

Appearance and Odor: RED-ORANGE BEADS, HALOGEN ODOR

Percent Volatiles by Volume: 30

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

Stability Indicator/Materials to Avoid: YES

FLAMMABLE SOLVENTS

Hazardous Decomposition Products: BROMINE AND HYDROBROMIC ACID FUMES

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

Waste Disposal Methods: FRESH UNUSED (RED COLOR): APPROVED DUMP SITE.  
EXHAUSTED (YELLOW COLOR): ORDINARY TRASH.

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