

CONAP INC. -- CONATHANE EN-1556 PART B BLACK CURATIVE -- 5970-01-158-6537

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

Product ID:CONATHANE EN-1556 PART B BLACK CURATIVE

MSDS Date:07/01/1997

FSC:5970

NIIN:01-158-6537

Kit Part:Y

MSDS Number: BYTBQ

=== Responsible Party ===

Company Name:CONAP INC.

Address:1405 BUFFALO STREET

City:OLEAN

State:NY

ZIP:14760

Country:US

Info Phone Num:716-372-9650

Emergency Phone

Num:716-372-9650/800-424-9300(CHEMTREC)

Preparer's Name:LARRY R. JOHNSON,DVM,PHD

CAGE:16245

=== Contractor Identification ===

Company Name:CONAP INC.,WHOLLY OWNED SUBSIDIARY OF CYTEC INDUSTRIES
INC.

Address:1405 BUFFALO STREET

Box:City:OLEAN

State:NY

ZIP:14760

Country:US

Phone:716-372-9650

CAGE:16245

Company Name:THE SMITH GROUP INC.

Address:811 E. CAYUGA STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19124-3893

Country:US

Phone:215-743-8200

CAGE:2B613

===== Composition/Information on I

ngredients =====

Ingred Name:1,3-BENZENEDIAMINE,4-METHYL-2,6-BIS(METHYLTHIO)
CAS:102093-68-5
Fraction by Wt: 16-20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:1,3-BENZENEDIAMINE,2-METHYL-4,6-BIS(METHYLTHIO)
CAS:104983-85-9
Fraction by Wt: 4-5%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5000 MG/KG.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:
NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: MAY CAUSE MILD IRRITATION. SKIN:
MAY CAUSE MILD IRRITATION. PROLONGED/REPEATED CONTACT MAY CAUSE
ALLERGIC SKIN REACTIONS. INHALATION: MATERIAL IS NOT EXPECTED TO BE
HARMFUL IF INHALED.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, ALLERGIC
REACTIONS.
INHALATION: MATERIAL IS NOT EXPECTED TO BE HARMFUL IF
INHALED.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE
TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL HELP IF
SYMPTOMS PERSIST. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN
AREA WITH SOAP AND WATER. GET MEDICAL ATTENT
ION. INHALATION: MOVE
TO FRESH AIR. MATERIAL IS NOT EXPECTED TO BE HARMFUL IF INHALED.

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

Flash Point Method:TCC
Flash Point:>200F,>93C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL. WATER
SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED, POSITIVE PRESSURE BREA

THING

APPARATUS WITH FULL FACEPIECE.

Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT INCLUDING IMPERVIOUS BOOTS IF NEEDED. VENTILATE AREA. STOP LEAK. ABSORB SPILLS WITH INERT MATERIAL. SWEEP UP AND PLACE IN A WASTE DISPOSAL CONTAINER. FLUSH AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage ===
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Handling and Storage Precautions:STORE IN COOL PLACE AWAY FROM INCOMPATIBLES. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID PROLONGED/REPEATED CONTACT WITH SKIN. AVOID CONTACT WITH EYES, BREATHING VAPORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF VAPOR CONCENTRATION IS HIGH, WEAR, AT A MINIMUM, A NIOSH-APPROVED CATEGORY 19C AIR-SUP

PLIED RESPIRATOR.

Ventilation:PROVIDE ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW RECOMMENDED LIMITS.

Protective Gloves:WEARIMPERVIOUS GLOVES.

Eye Protection:SAFETY GOGGLES, FACE SHIELD IF NEEDED.

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER SHOULD BE PROVIDED.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY1:N1. THIS ENTRY

DESCRIBES PART B OF A TWO PART KIT. SEE THIS SAME NSN, P/N IND J, FOR PART B DATA.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIBLE

Appearance and Odor:BLACK LIQUID. CHARACTERISTIC ODOR.

===== Stability and Re

activity Data =====

Stability Indicator/Materials to Avoid: YES

NONE KNOWN.

Stability Condition to Avoid: NONE KNOWN.

Hazardous Decomposition Products: THERMAL DECOMPOSITION OR COMBUSTION
MAY PRODUCE CARBON DIOXIDE, CARBON MONOXIDE, AND/OR OXIDES OF
NITROGEN AND SULFUR.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE,
FEDERAL REGULATION

S. WASTE CONTAINING DMTDA MUST BE DISPOSED OF BY
INCINERATION. ANY METHOD OF DISPOSAL OF UNCURED PRODUCT OTHER THAN
INCINERATION IS CONSIDERED A SIGNIFICANT NEW USE UNDER 40CFR
721.1525.

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