

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 Pho

ne 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 o

n Ingredients =====

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:N

TP: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
REACTIO

NS. 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 ATT

ENTION. 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 B

REATHING

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

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-

SUPPLIED RESPIRATOR.

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

Protective Gloves:WEAR IMPERVIOUS 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. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY1:N1. THIS EN

TRY 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

Reactivity 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 REGULATIONS. 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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