

THIRD COAST PACKAGING INC -- MIL-A-8243 TYPE II WING DEICER -- 6810-00-006-4205

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Product Identification  
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Product ID:MIL-A-8243 TYPE II WING DEICER

MSDS Date:07/17/1997

FSC:6810

NIIN:00-006-4205

Status Code:A

MSDS Number: CKXJQ

=== Responsible Party ===

Company Name:THIRD COAST PACKAGING INC

Address:18410 W CLOVER LN

Box:367

City:FRIENDSWOOD

State:TX

ZIP:77596

Country:US

Info Phone Num:2

81-482-9212

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:3C

Chemtrec Ind/Phone:(800)424-9300

CAGE:0P418

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

Contract Num:SP0450-01-M-D530

CAGE:4N760

Company Name:THIRD COAST PACKAGING INC

Address:18410 W CLOVER LN

Box:367

City:FRIENDSWOOD

State:TX

ZIP:77549

Country:US

Phone:281-482-9212;914-838-7204

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Composition/Information on Ingredients  
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Ingred Name:ETHYLENE GLYCOL  
CAS:107-21-1  
RTECS #:KW2975000  
Minumum % Wt:65.  
Maxumum % Wt:75.  
ACGIH STEL:C127 MG/M3;C50 PPM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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Hazards Identification  
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LD50 LC50 Mixture:ACUTE ORAL LD50: 4.0 G/KG (RAT)  
Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES  
Health Hazards Acute and Chronic:INHALATION: VAPORS ARE MILDLY TO  
MARKEDLY IRR  
ITATING TO THE LUNGS DEPENDING ON THE EXPOSURE LEVEL.  
INGESTION: MAY BE HARMFUL OR FATAL IS SWALLOWED. MAY PRODUCE  
CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION AND KIDNEY DAMAGE MAY BE  
FATAL. SKIN AND EYE: NO ADVERSE EFFECTS EXPECTED WITH EXPOSURE TO  
SKIN. BRIEF CONTACT MAY CAUSE SLIGHT IRRITATION, PROLONGED CONTACT  
AS WITH CLOTHING WETTED WITH MATERIAL, MAY CAUSE MORE SEVERE  
IRRITATION AND DISCOMFORT. SEEN AS LOCAL REDNESS AND SWELLING.  
PRODUCT IS MODERATELY IRRITATING T  
O THE EYES. VAPORS CAN ALSO CAUSE  
SEVERE EYE IRRITATION. REPEATED INGESTION MAY CAUS E KIDNEY DAMAGE.  
Explanation of Carcinogenicity:NO DATA PROVIDED BY MANUFACTURER.  
Effects of Overexposure:INHALATION: VAPORS ARE MILDLY TO MARKEDLY  
IRRITATING TO THE LUNGS DEPENDING ON THE EXPOSURE LEVEL. INGESTION:  
MAY BE HARMFUL OR FATAL IS SWALLOWED. MAY PRODUCE CENTRAL NERVOUS  
SYSTEM (CNS) DEPRESSION AND KIDNEY DAMAGE MAY BE FATAL. SKIN AND  
EYE: NO ADVERSE EFFECTS EXPECTED WITH EXPOSURE  
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AND DISCOMFORT. SEEN AS LOCAL REDNESS AND SWELLING. PRODUCT IS  
MODERATELY IRRITATING TO THE EYES. VAPORS CAN ALSO CAUSE SEVERE EYE  
IRRITATION. REPEATED INGESTION MAY CAUS E KIDNEY DAMAGE.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, EYE AND  
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS  
PRODUCT. IMPAIRED K

IDNEY FUNCTION FROM PRE-EXISTING DISORDERS MAY BE AFGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. EYE: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET ME DICAL ATTENTION IF DISCOMFORT PERSISTS. SKIN: FLUSH SKIN WITH WATER. INGESTION: SO NOT INDUCE VOMITING.

IMMEDIATELY CONTACT POISON CONTROL OR A PHYSICIAN.

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

Flash Point Method:COC

Flash Point:=123.9C, 255.F

Lower Limits:2

Upper Limits:13

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM, WATER SPRAY, WATER FOG.

Fire Fighting Procedures:DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTION FIGHT FIRE FROM SAFE DISTANCE/PROTECTED LOCATION. HEAT MAY BUILD UP PRESSURE AND RUPTURE CONTAINERS SPREADING FIRE. USE

WATER SPRAY/FOG FOR COOLING. AV OID FROTHING/STEAM EXPOSION. BURNING LIQUID MAY FLOAT ON WATER.

Unusual Fire/Explosion Hazard:HEAT FROM FIRE CAN GENERATE FLAMMABLE VAPORS. WHEN MIXED WITH AIR AND EXPOSED TO INGITION SOURCES. VAPORS CAN BURN IN OPEN OR EXPLODE IF CONFINED. VAPORS MAY BE HEAVIER THAN AIR/MAY TRAVEL ALONG GROUN D, LONG DISTANCES, BEFORE IGNITING OR FLASHING BACK TO VAPOR SOURCE.

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

Spill Releas

e Procedures:PRODUCT IS SLIPPERY WHEN SPILLED. SPREAD GRANULAR COVER ON AREA. CONTAIN SPILL/MINIMIZE DISPERSION. RECOVER FREE LIQUID FOR RE-USE IF POSSIBLE. ELIMINATE ANY IGNITION SOURCES. IN CONFINED AREAS, WEAR PROPER PROTECTIVE CLOTHING.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN COOL, DRY PLACE.

Other Precautions:THI

S PRODUCT IS FOR INDUSTRIAL USE ONLY! KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY!

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

Respiratory Protection:NOT NORMALLY REQUIRED WHEN USED WITH ADEQUATE VENTILATION.

Ventilation:ADEQUATE VENTILATION.

Protective Gloves:WEAR GLOVES

Eye Protection:PROTECTIVE GOGGLES, FACE SHIELD.

Other Protective Equipment:APRON, SLEEVES AND BOOTS.

Work Hygienic Practices:NO DATA PROVIDED BY MANUFACTURER.

Supplemental Safety and Health

THIS IS A GENERAL RECOMMENDATION BASED ON OUR EXPERIENCE. HOWEVER INDIVIDUAL CIRCUMSTANCES COULD REQUIRED ADDITIONAL SAFETY EQUIPMENT TO MINIMIZE POTENTIAL EXPOSURE HAZARDS.

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

HCC:V5

Boiling Pt:=131.1C, 268.F

Vapor Pres:5,000 LBS: SHIPPING NAME: ETHYLENE

GLYCOL. HAZARD CLASS: 9. UN NUMBER: UN3082, PGIII. PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETHYLENE GLYCOL). HAZARD

LABEL: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID. REPORTABLE QUANTITY: 5,000 LBS. (ETHYLENE GLYCOL).

SHIPMENT < 5,000 LBS: SHIPPING NAME: ETHYLENE GLYCOL. HAZARD CLASS: N/A. PROPER SHIPPING NAME: NOT REGULATED. HAZARD LABEL: N/A. REPORTABLE QUANTITY: N/A.

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 31

1, 312 AND 313 - ETHYLENE GLYCOL (REPORTABLE QUANTITY=5,000 LBS).

Federal Regulatory Information:SUBPART Z, OSHA: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) THAT ARE ON THE LIST OF CHEMICALS THAT HAVE SUBSTANCE-SPECIFIC REQUIREMENTS - NONE. THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF CERCLA: ETHYLENE GLYCOL (REPORTABLE QUANTITY=5,000 LBS). TSCA STATUS: INCLUDED ON INVENTORY.

State Regulatory Information:NO DATA PROVIDED B

Y MANUFACTURER.

===== Other Information =====

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