

THIRD COAST PACKAGING INC -- DOT 3 BRAKE FLUID -- 9150-00-190-0932

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Product Identification
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Product ID:DOT 3 BRAKE FLUID

MSDS Date:11/19/1996

FSC:9150

NIIN:00-190-0932

Status Code:A

MSDS Number: CKZLT

=== Responsible Party ===

Company Name:THIRD COAST PACKAGING INC

Address:18410 W CLOVER LN

Box:367

City:FRIENDSWOOD

State:TX

ZIP:77549

Country:US

Info Phone Num:281-482-9212

Emergency Phon

e Num:281-482-9212

Preparer's Name:NOT PROVIDED

Chemtrec Ind/Phone:(800)424-9300

CAGE:0P418

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT

Address:2275 TUCKER INDUSTRIAL RD

Box:City:TUCKER

State:GA

ZIP:30084

Country:US

Phone:770-938-4513/FAX 770-938-3966

Contract Num:SP0450-01-D-5284

CAGE:1MDA6

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

CAGE:0P418

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Composition/Information on Ingredients
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Ingred Name:ETHYLENE GLYCOL

CAS:107-21-1

RTECS #:KW2975000

= Wt:20.

Other REC Limits:NOT PROVIDED

OSHA PEL:50 PPM

ACGIH TLV:39 PPM

ACGIH STEL:C127 MG/M3;C50 PPM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:HEAVY GLYCOL ETHERS

= Wt:80.

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT PROVIDED

ACGIH TLV:NOT PROVIDED

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Hazards Identification
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LD50 LC50 Mixture:NOT PROVIDED

Reports of Carcinog

enicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE AND SKIN CONTACT: PRIMARY

IRRITATION TO SKIN, DEFATTING, DERMITITIS. ABSORPTION THROUGH SKIN

INCREASES EXPOSURE. PRIMARY IRRITATION TO EYES, REDNESS, TEARING,

BLURRED VISION. LIQUID CAN CAUSE EYE IRRITATION. INHALATION:

ANESTHETIC. IRRITATES RESPIRATORY TRACT. ACUTE OVEREXPOSURE CAN

CAUSE SERIOUS NERVOUS SYSTEM DEPRESSION. VAPOR HARMFUL. SWALLOWING:

HARMFUL OR FATAL IF SWALLOWED. SWALLOWING CA N CAUSE

ABDOMINAL

IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

Explanation of Carcinogenicity:THIS PRODUCT HAS NO CARCINOGENS LISTED

BY IARC, NTP, NIOSH, OSHA, OR ACGIH AS OF THIS DATE, GREATER OR

EQUAL TO 0.1%.

Effects of Overexposure:EYES: IRRITATION,REDNESS, TEARING, BLURRED

VISION. SKIN: IRRITATION, DEFATTING, DERMITITIS. INHALATION:

ANESTHETIC, RESPIRATORY TRACT IRRITATION, SERIOUS NERVOUS SYSTEM

DEPRESSION, VAPOR HARMFUL. SWA LLOWING: ABDOMINAL IRRITATION,

NAUSEA, VOMIT

ING, AND DIARRHEA.

Medical Cond Aggravated by Exposure: PERSONS WITH SEVERE SKIN, LIVER, OR KIDNEY PROBLEMS SHOULD AVOID USE.

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

First Aid: EYE CONTACT: FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES, LIFTING EYELIDS TO INSURE COMPLETE FLUSHING OF SURFACE. GET MEDICAL ATTENTION. SKIN CONTACT: WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

(DISCARD CONTAMINATED SHOES.) INHALATION:

REMOVE EXPOSED PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. CALL A PHYSICIAN IMMEDIATELY. SWALLOWING: IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.

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

Flash Point Method: COC

Flash Point: >93.3C, 200.F

Autoignition Temp: Autoignition Temp Text: N/D

Lower Limits: N/D

Upper Limits: N/D

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Extinguishing Media: WATER FOG, ALCOHOL FOAM, CARBON DIOXIDE (CO₂), AND DRY CHEMICAL. DO NOT USE DIRECT SPRAY OF WATER.

Fire Fighting Procedures: WATER SPRAY MAY BE INEFFECTIVE ON FIRE BUT CAN PROTECT FIREFIGHTER AND COOL CLOSED CONTAINER. USE FOG NOZZLE IF WATER IS USED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR, HELMET WITH FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS. USE NIOSH APPROVED POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Ex

losion Hazard: SLIGHTLY COMBUSTIBLE! KEEP CONTAINERS

TIGHTLY CLOSED. ISOLATE FROM OXIDIZERS, HEAT, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures: STOP SPILL AT SOURCE. DIKE AREA AND CONTAIN.

CLEAN UP REMAINDER WITH ABSORBENT MATERIALS. MOP UP AND DISPOSE OF PROPERLY.

Neutralizing Agent: NOT RELEVANT

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

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Handling and Storage Precautions:STORE IN A COOL VENTILATED AREA BELOW 120F/49C. STORE LARGE AMOUNTS IN STRUCTURES MADE FOR OSHA CLASS I LIQUIDS. KEEP CONTAINER CLOSED. ISOLATE FROM OXIDIZERS, HEAT AND OPEN FLAME. USE ONLY WITH A DEQUATE VENTILATION.

Other Precautions:AVOID REPEATED BREATHING OF VAPOR OR SPRAY MIST. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. AVOID FREE FALL OF LIQUID. GROUND CONTAINERS WHEN TRANSFERRING. DO NOT BRAZE, CUT, OR WELD AROUND CONTAINERS.

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

Respiratory Protection:IF OVER TLV, IN ACCORDANCE WITH 29 CFR 1910.134, USE NIOSH APPROVED POSITIVE PRESSURE, SELF-CONTAINED BREATHING APPRATUS.

Ventilation:VENTILATE TO KEEP VAPORS BELOW 20 PPM. LOCAL EXHAUST IS NECESSARY. MECHANICAL IS: ACCEPTABLE. USE EXPLOSION PROOF EQUIPMENT.

Protective Gloves:WEAR GLOVES IMPERVIOUS TO THIS MATERIAL.

Eye Protection:WEAR OSHA STANDARD GOGGLES OR FACE SHIELD. CONSULT

SAFETY EQUIPMENT SUPPLIER.

Other Protective Equipment:WEAR APRON AND FOOTWEAR THAT ARE IMPERVIOUS TO THIS MATERIAL.

Work Hygienic Practices:WASH CLOTHING BEFORE REUSE.

Supplemental Safety and Health

ABBREVIATION: N/A=NOT APPLICABLE OR NOT AVAILABLE. N/K=UNKNOWN. N/P=NOT PROVIDED. N/R=NOT RELEVANT. N/D=NOT DETERMINED. N/E=NOT ESTABLISHED.

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

HCC:V5

Boiling Pt:B.P. Text:NOT DETERMINED

Melt/Freeze Pt:M.P/F.P Text

:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:NOT DETERMINED

Vapor Density:N/D

Spec Gravity:1.062 (8.84 LB/GAL)

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR TO AMBER LIQUID; MILD ODOR

Percent Volatiles by Volume:NOT PROVIDED

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

ISOLATE FROM STRONG OXIDIZERS SUCH AS PE

RMANGANATE, CHROMATE, AND
PEROXIDES.

Stability Condition to Avoid: ISOLATE FROM OXIDIZERS AND HIGH OXYGEN
CONCENTRATIONS.

Hazardous Decomposition Products: CARBON MONOXIDE AND/OR OXYGENATED
HYDROCARBONS

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: ETHYLENE GLYCOL: LD50 (ORAL, RAT) 5840 MG/KG.
LD50 (SKIN) 9530 MG/KG (RABBIT).

===== Ecological Information =====

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Ecological: ETHYLENE GLYCOL, CAS# 107-21-1 IS AN EPA HAZARDOUS AIR
POLLUTANT.

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

Waste Disposal Methods: RECYCLE OR DISPOSE OF ACCORDING TO LOCAL, STATE,
AND FEDERAL HEALTH, SAFETY, AND POLLUTION REGULATIONS.

===== MSDS Transport Information =====

Transport Information: DOT SHIPPING NAME: DRUM: DOT 3 BRAKE FLUID, NOT
REGULATED. BULK: DOT 3 BRAKE FLUID, NOT REGULATED.

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

SARA Title III Information: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC
CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF
THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND
OF 40 CFR 372: CAS # 107- 21-1 (ETHYLENE GLYCOL) 20% WITH
REPORTABLE QUANTITY (RQ): 5000 LBS. HEAVY GLYCOL ETHERS 80%, RQ
(LBS): NONE. SARA SECTION 311/312 HAZARDS: ACUTE HEALTH.

Federal Regulatory Information: ALL COM
PONENTS OF THIS PRODUCT ARE ON
THE TSCA LIST.

State Regulatory Information: CALIFORNIA PROPOSITION 65: THIS PRODUCT
DOES NOT CONTAIN ANY KNOWN CHEMICAL KNOWN TO THE STATE OF
CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE DAMAGE.

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

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