

THIRD COAST PACKAGING INC -- ARRESTING GEAR HYDRAULIC FLUID -- 9150-00-243-1987
===== Product Identification =====

Product ID:ARRESTING GEAR HYDRAULIC FLUID

MSDS Date:01/02/1996

FSC:9150

NIIN:00-243-1987

MSDS Number: CKVPJ

=== 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:281-482-9212

Em

ergency Phone Num:1-281-482-9212

Preparer's Name:NOT PROVIDED

Chemtec 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-LE75

CAGE:4N760

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:SPO450-0

1-M-C261
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
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:95.
Other REC Limits:50 PPM TWA (MFR)
Code:F
ACGIH STEL:C127 MG/M3;C50 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ALKANOLAMINE PHOSPHATE
= Wt:2.5
Other REC Limits:NOT PROV
IDED

Ingred Name:SODIUM MERCAPTOBENZOTHIAZOLE
CAS:2492-26-4
< Wt:.5
Other REC Limits:NOT PROVIDED
OSHA PEL:NONE ESTABLISHED
ACGIH TLV:NONE ESTABLISHED

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Hazards Identification
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LD50 LC50 Mixture:NOT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE AND SKIN CONTACT: EXPOSURE CAN BE
DESTRUCTIVE TO TISSUE ESPECIALLY EYE TISSUE. INHALATION: INHALATION
OF VAPORS OR MIST MAY CAUSE MUCOUS MEMBRANE

IRRITATION. SWALLOWING:

HARMFUL OR FATAL IF SWALLOWED. INGESTION CAN RESULT IN CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION, KIDNEY INJURY, AND DESTRUCTION OF TISSUE. SUBCHRONIC HAZARD: OVEREXPOSURE TO VAPORS ARE ASSOCIATED WITH INJURIES TO EYES, KIDNEYS, LIVER, LUNGS, BLOOD, AND CNS. SKIN ABSORPTION CAN INDUCE CNS DEPRESSION AND KIDNEY AND LIVER INJURY. INGESTION CAN CAUSE BRAIN INJURY, CNS DEPRESSION, KIDNEY INJURY, AND DESTRUCTION OF TISSUE WHICH COULD BE FATAL.

Exp

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: INHALATION EXPOSURE: DRUNKENNESS, NAUSEA, VOMITING, VISUAL IMPAIRMENT, RAPID BREATHING, INCREASED HEART RATE AND DECREASED URINE VOLUME. EYE IRRITATION/TISSUE DESTRUCTION DEVELOPS IMMEDIATELY UPON CONTACT.

Medical Conditions Aggravated by Exposure: BREATHING DISORDERS, DERMATITIS, EYE, KIDNEY, AND LIVER DISORDERS.

===== **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 IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS DEVELOP AND PERSIST. 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. DRINK LARGE AMOUNT OF WATER. FOLLOW WITH MILK. NEVER GIVE FLUIDS TO A PERSON WHO IS UNCONSCIOUS OR HAVING CONVULSION.

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

Flash Point Method: COC

Flash Point: >93.3C, 200.F

Autoignition Temp: Autoignition Temp Text: N/D

Lower Limits: N/D

Extinguishing Media: WATER FOG, ALCOHOL FOAM, CARBON DIOXIDE

DE AND DRY

CHEMICAL. DO NOT USE A DIRECT SPRAY OF WATER. USE FOG NOZZLES IF WATER IS USED.

Fire Fighting Procedures: REMOVE NON-ESSENTIAL PERSONNEL. WATER SPRAY MAY BE INEFFECTIVE ON FIRE BUT CAN PROTECT FIRE-FIGHTERS AND COOL CLOSED CONTAINERS. DO NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR, HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES, RUBBER BOOTS. USE NIOSH APPROVED POSITIVE-PRESSURE SELF CONTAINED BREATHING APPARATUS

Unusual Fire/Explosion Hazard: 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 =====

Handling and Storage Precautions:

STORE IN A COOL VENTILATED AREA BELOW 120F/49C. STORE LARGE AMOUNTS IN STRUCTURES MADE FOR OSHA CLASS IIIB LIQUIDS. KEEP CONTAINER CLOSED. ISOLATE FROM OXIDIZERS, REDUCERS, HEAT, AND OPEN FLAME. GROUND CONTAINERS WHEN TRANSFERRING.

Other Precautions: USE ONLY WITH ADEQUATE VENTILATION. AVOID REPEATED BREATHING OF VAPOR OR SPRAY MIST. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. AVOID FREE FALL OF LIQUID. DO NOT BRAZE, CUT, OR WELD AROUND CONTAINERS .

===== Ex
posure Controls/Personal Protection =====

Respiratory Protection: VENTILATE TO KEEP VAPORS OF THIS MATERIAL BELOW 20 PPM. IF OVER TLV, IN ACCORDANCE WITH 29 CFR 1910.134, USE NIOSH APPROVED POSITIVE-PRESSURE, SELF-CONTAINED BREATHING APPARATUS. CONSULT SAFETY EQUIPMENT SUPPLIER. USE EXPLOSION PROOF EQUIPMENT.

Ventilation: LOCAL EXHAUST: NECESSARY MECHANICAL: ACCEPTABLE SPECIAL: NONE

Protective Gloves: WEAR GLOVES.

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. WASH CLOTHING BEFORE REUSE.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =

UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT

DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM.

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

HCC:

V5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=165.C, 329.F

B.P. Text:MINIMUM

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:1.110

pH:7.2 TO 7.8@50%

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:COMPLETE

Appearance and Odor:AMBER TO YELLOW LIQUID, ODOR MILD.

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 PERMANGANATE, CHROMATE, AND PEROXIDES.

Stability Condition to Avoid:ISOLATE FROM OXIDIZING AGENTS, REDUCING AGENTS, STRONG ACIDS, HEAT, AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE FROM BURNING.

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

Toxicological Information:NOT PROVIDED

===== Ecological

Information =====

Ecological:NOT PROVIDED

===== 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: NONE. BULK: RQ,
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETHYLENE
GLYCOL) 9, UN3082, PG III. IF GRE
ATER THAN 5299 POUNDS OF THIS
PRODUCT IN ONE CONTAINER THE "RQ " IS EXCEEDED.

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

SARA Title III Information:SARA TITLE III, SECTION 313 SUPPLIER
NOTIFICATION: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT
TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE
EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF
40 CFR 372: ETHYLENE GLYCOL.

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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