

CATO OIL AND GREASE INC -- 1676B-176, HARVEST KING DEXRON III/MERCON ATF

=====
MSDS Safety Information
=====

FSC: 9150
NIIN: 00-657-4959
MSDS Date: 07/03/1997
MSDS Num: CLNGV
Product ID: 1676B-176, HARVEST KING DEXRON III/MERCON ATF
MFN: 01
Responsible Party
Cage: 3F020
Name: CATO OIL AND GREASE CO INC
Address: 915 MARTIN LUT
HER KING
Box: 26868
City: OKLAHOMA CITY OK 73126
Info Phone Number: 405-424-3311
Emergency Phone Number: (800)424-9300
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 3F020
Name: CATO OIL AND GREASE CO INC
Address: 915 MARTIN LUTHER KING
Box: 26868
City: OKLAHOMA CITY OK 73126
Phone: 405-424-3311

=====
Item Description Information
=====

Item Manager: S9G
Item Name: HYDRAULIC FLUID,AUTOMATIC TRANSMISSION
Unit of Issue: CN
Quantitative Expression: 00000000005GL
UI Container Qty: 1
Type of Container: STD COML PKG

=====
Ingredients
=====

Name: *** PROPRIETARY ***

=====

=====
Health Hazards Data
=====

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: WHEN THIS PRODUCT CONTAINS >7% PROPRIETARY ADDITIVE 5172, THEN THIS PRODUCT CAN HAVE THE FOLLOWING ACUTE & CHRONIC HEALTH HAZARDS: MAY BE HARMFUL IF HIGH AMOUNTS OF VAPORS ARE INHALED WITH HEADACHES, DIZZINESS, NAUSEA, BEHAVIORAL CHANGES, WEAKNESS, DR

OWSINESS, & STUPOR

POSSIBLY OCCURRING. REPEATED OVEREXPOSURE TO PETROLEUM NAPHTHA CAN CAUSE NERVOUS SYSTEM DAMAGE; ALSO IF MATERIAL IS MISTED OR VAPORS ARE GENERATED BY HEATING EXPOSURE MAY CAUSE IRRITATION OF MUCOUS MEMBRANES & THE UPPER RESPIRATORY TRACT. EXPOSURE TO A HIGH CONCENTRATION OF VAPOR OR MIST MAY BE IRRITATING.

Signs And Symptoms Of Overexposure: INHALATION: NOT EXPECTED TO BE ACUTELY TOXIC. SKIN: MAY CAUSE SKIN IRRITATION BASED ON DATA FROM COMPONENTS. EYES:

MAY CAUSE EYE IRRITATION BASED ON DATA FROM COMPONENTS. INGESTION: MAY CAUSE IRRITATION, NAUSEA, OR DIARRHEA. POSSIBLE ASPIRATION HAZARD.

Medical Cond Aggravated By Exposure: MAY AGGRAVATE PREVIOUSLY EXISTING EYE/SKIN DISORDERS.

First Aid: INHALATION: IF RESPIRATORY DISCOMFORT OR IRRITATION OCCURS, MOVE PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION AND GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH EXPOSED PORTION WITH SOAP AND WATER. LAUNDRY SOILED CLOTHES

BEFORE REUSE. EYES: IMMEDIATELY FLUSH EYES

WITH WATER FOR A MINIMUM OF 15 MINUTES OCCASIONALLY LIFTING THE LOWER AND UPPER LIDS. IF FILM OR IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING; CONTACT A PHYSICIAN.

=====
Handling and Disposal
=====

Spill Release Procedures: NOTIFY EMERGENCY RESPONSE PERSONNEL. EVACUATE AREA AND REMOVE IGNITION SOURCES. BUILD DI

KE TO CONTAIN FLOW. REMOVE FREE LIQUID,

DO NOT FLUSH TO SEWER OR OPEN WATER. PICK UP RESIDUE WITH INERT-ABSORBANT AND PLACE IN CLOSED CONTAINER FOR DISPOSAL.

Waste Disposal Methods: UTILIZE LICENSED WASTE DISPOSAL COMPANY. CONSIDER RECYCLING OR CONTROLLED INCINERATION. UTILIZE PERMITTED INDUSTRIAL WASTE DISPOSAL SITE. FOLLOW ALL LOCAL, STATE AND FEDERAL GUIDELINES. REMEMBER THAT LIQUIDS ARE BANNED FROM LANDFILLING.

Handling And Storage Precautions: STORE CLEAN, DRY, BELOW 120 F(50C)

TO

PRESERVE FOR INTENDED USE. DO NOT STORE WITH STRONG OXIDIZERS. STORE AS OSHA CLASS III COMBUSTIBLE LIQUID.

Other Precautions: TRADE NAME: HARVEST KING DEXRON III/MERCON ATF. PRODUCT CLASS: AUTOMATIC TRANSMISSION FLUID. PRODUCT CODE: 1676B-176. C.A.S. NUMBER: COMPLEX MIXTURE. HAZARD RATINGS: HEALTH-1. FIRE-1. REACTIVITY-0. HM IS PERSONAL PROTECTION-B.

=====
Fire and Explosion Hazard Information
=====

=====
Flash Point Method: COC

Flash Point: =140.C, 284.F

Lower Limits: NA

Upper Limits: NA

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

Fire Fighting Procedures: FIRE FIGHTING UNKNOWN CONCENTRATION, USE SELF-CONTAINED BREATHING APPARATUS WITH POSITIVE PRESSURE. WATER STREAM MAY SPREAD FIRE, USE WATER SPRAY ONLY TO COOL CONTAINERS NOT ON FIRE.

Unusual Fire/Explosion Hazard: WILL FORM FLAMMABLE MIXTURES WITH AIR WHEN HEATED TO ABOUT THE FLASH POINT. WILL NOT FLASH SPONTANEOUSLY.

=====
Control Measures
=====

Respiratory Protection: UP TO 25 MG/M3, HALF-MASK ORGANIC VAPOR RESPIRATOR. UP TO 50 MG/M3, FULL-FACE ORGANIC VAPOR RESPIRATOR OR FULL-FACE SELF-CONTAINED RESPIRATOR. GREATER THAN 50 MG/M3, FIRE FIGHTING UNKNOWN CONCENTRATION, USE SELF-CONTAINED BREATHING APPARATUS WITH POSITIVE PRESSURE.

Ventilation: MAINTAIN LOCAL OR DILUTION VENTILATION TO KEEP AIR CONCENTRATIONS

BELOW TLV/PEL. REQUEST ASSISTANCE OF SAFETY & INDUSTRIAL HYGIENE PERSON TO DETERMINE AIR CONC.

Protective Gloves: NITRILE OR NEOPRENE OR OTHER MATERIAL RESISTANT TO PETROLEUM OILS.

Eye Protection: SAFETY GLASSES, CHEMICAL GOGGLES OR FACE SHIELD AS APPROPRIATE FOR EXPOSURE.

Other Protective Equipment: NONE NORMALLY REQUIRED. BASED ON PROPRIETARY ADDITIVE 5172, THE USE OF AN APRON IS RECOMMENDED.

Supplemental Safety and Health: GLOVES: BASED ON PROPRIETARY ADDITIVES

5172,
THE USE OF NITRILE OR NEOPRENE GLOVES ARE RECOMMENDED. EYE: BASED ON PROPRIETARY ADDITIVES, THE USE OF CHEMICAL GOGGLES OR A FACE SHIELD IS RECOMMENDED.

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

HCC: V6
Boiling Point: >315.6C, 600.F
Vapor Density: >AIR
Spec Gravity: 0.87
Evaporation Rate & Reference: SLOWER (N-BUTYL ACETATE)
Appearance and Odor: RED LIQUID
=====

=====
Reactivity Data
=====

Stability Indicator: YES
Stability Condition To Avoid: AVOID CONDITIONS THAT COULD GENERATE AN OIL MIST.
DO NOT EXPOSE THE PRODUCT TO STRONG OXIDIZERS OR EXCESSIVE HEAT.
Materials To Avoid: STRONG OXIDIZERS OR EXCESSIVE HEAT.
Hazardous Decomposition Products: INCOMPLETE COMBUSTION CAN YIELD CARBON (SMOKE), CARBON MONOXIDE, VARIOUS HYDROCARBONS AND EVOLVE OTHER TOXIC GASES OR VAPORS

Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR.
=====

Toxicological Information
=====

Toxicological Information: BASED ON PROPRIETARY ADDITIVE 5172 MODERATE TO STRONG EYE IRRITATION IS POSSIBLE WHILE SKIN CONTACT MAY CAUSE SKIN SENSITIZATION &/OR DIMETHYL HYDROGEN PHOSPHATE THAT IN A TWO YEAR FEEDING STUDY CONDUCTED BY THE NTP SHOWED CLEAR EVIDENCE OF CARCINOGENICITY IN MALE RATS, BUT FINDINGS WERE EQUIVOCAL IN FEMALE RATS; MALE RATS & FEMALE MICE SHOWED NO EVIDENCE OF CARCINOGENICITY; RESULTS OF IN-VITRO MUTAGENICITY TESTS FOR DIMETHYL HYDROGEN PHOSPHATE HAVE BEEN BOTH POSITIVE & NEGATIVE.
=====

Ecological Information
=====

MSDS Transport Information
=====

=====
Transport Information: DOT HAZARDOUS MATERIAL? NO. DOT SHIPPING NAME AND NUMBER
- NOT APPLICABLE. DOT HAZARD CLASS - NOT APPLICABLE.
=====

Regulatory Information

=====
Sara Title III Information: SARA 311/312 CATEGORY - HEALTH HAZARD IMMEDIATE AND
CHRONIC. SARA 313 - NOT APPLICABLE.

Federal Regulatory Information: ALL INGREDIENTS IN THIS PRODUCT
ARE LISTED IN

THE T.S.C.A. INVENTORY. BASED ON PROPRIETARY ADDITIVE 5172 THIS PRODUCT MAY
BE SUBJECT TO EXPORT NOTIFICATION UNDER SECTION 12(B) OF TSCA DUE TO
CONTAINED 1,2,4-TRIMETHYLBENZENE AND ISOBUTYL ALCOHOL.

State Regulatory Information: THE PRODUCT MAY CONTAIN THE FOLLOWING CHEMICALS
KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER &/OR BIRTH DEFECTS BASED
ON MAXIMUM IMPURITY LEVELS OF THE FOLLOWING COMPONENTS: <1 PPM CADMIUM,
<1 PPM LEAD, <1 PPM ARESENIC, <

;1 PPM BENZENE, CAS# 71-43-2;

ADDITIONALLY, BASED ON PROPRIETARY ADDITIVE 5172 THIS PRODUCT REQUIRES
NOTIFICATION BEFORE SALE IN JAPAN, AUSTRALIA, KOREA, THE PHILLIPINES AND CO
NTAINS A MATERIAL WHICH MUST BE NOTIFIED AND TRACKED BY ALL CANADIAN
IMPORTERS.

=====
Other Information

=====
Other Information: PROPRIETARY ADDITIVE 5172 CONTAINS FROM 10 TO 19.9%

ALIPHATIC NAPHTHA WITH A SUPPER

RECOMMENDED EXPOSURE LIMIT TWA OF 100 PPM AND

STEL OF 200 PPM; PROPRIETARY ADDITIVE 5172 ALSO CONTAINS FROM 0.5 TO 1 .5%
ETHOXYLATED LONG CHAIN ALKYLAMINE AND FROM 0.1 TO 0.9%

1,2,4-TRIMETHYLBENZENE, CAS# 95-93-6 WHICH HAS AN ACGIH TLV-TWA OF 25 PPM.
=====

Transportation Information

=====
Responsible Party Cage: 3F020

Trans ID NO: 159254

Product ID: 1676B-176, HARVEST KING DEXRON III/MERCO

N ATF

MSDS Prepared Date: 07/03/1997

Review Date: 10/12/2001

MFN: 1

Net Unit Weight: 36.2 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 1

Type Of Container: STD COML PKG
=====

Detail DOT Information

=====
DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

Detail IMO Informatio

n

=====

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

=====

Detail IATA Information

=====

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====

Detail AFI Information

=====

=====

AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====

HAZCOM Label

=====

Product ID: 1676B-176, HARVEST KING DEXRON III/MERCON ATF

Cage: 3F020

Company Name: CATO OIL AND GREASE CO INC

Street: 915 MARTIN LUTHER KING

PO Box: 26868

City: OKLAHOMA CITY OK

Zipcode: 73126

Health Emergency Phone: (800)424-9300

Label Required IND: Y

Date Of Label Revi

ew: 10/12/2001

Status Code: A

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: WHEN THIS PRODUCT CONTAINS >7% PROPRIETARY ADDITIVE
5172, THEN THIS PRODUCT CAN HAVE THE FOLLOWING ACUTE & CHRONIC HEALTH
HAZARDS: MAY BE HARMFUL IF HIGH AMOUNTS OF VAPORS ARE INHALED WITH HEADACHES,
DIZZINESS, NAUSEA, BE

HAVIORAL CHANGES, WEAKNESS, DROWSINESS, & STUPOR
POSSIBLY OCCURING. REPEATED OVEREXPOSURE TO PETROLEUM NAPHTHA CAN CAUSE
NERVOUS SYSTEM DAMAGE; ALSO IF MATERIAL IS MISTED OR VAPORS ARE GENERATED BY
HEATING EXPOSURE MAY CAUSE IRRITATION OF MUCOUS MEMBRANES & THE UPPER
RESPIRATORY TRACT. EXPOSURE TO A HIGH CONCENTRATION OF VAPOR OR MIST MAY BE
IRRITATING.

=====

Disclaimer (provided with this information by the compiling agencies):

This
information is formulated for use by elements of the Department of Defense.
The United States of America in no manner whatsoever expressly or implied
warrants, states, or intends said information to have any application, use or
viability by or to any person or persons outside the Department of Defense
nor any person or persons contracting with any instrumentality of the United
States of America and disclaims all liability for such use. Any person
utilizing this instruction wh
o is not a military or civilian employee of the
United States of America should seek competent professional advice to verify
and assume responsibility for the suitability of this information to their
particular situation regardless of similarity to a corresponding Department
of Defense or other government situation.