

DEERE & COMPANY -- HY-GARD TRANSMISSION AND HYDRAULIC OIL -- 9150-01-084-2103

===== Product Identification =====

Product ID:HY-GARD TRANSMISSION AND HYDRAULIC OIL

MSDS Date:02/15/1989

FSC:9150

NIIN:01-084-2103

MSDS Number: BGKZG

=== Responsible Party ===

Company Name:DEERE & COMPANY

Address:JOHN DEERE RD

City:MOLINE

State:IL

ZIP:61265

Country:US

Info Phone Num:309-765-4292

Emergency Phone Num:309-765-2767

Preparer's Name:T.M. SNYDER

CAGE:75755

=== Contractor Identification ===

Company Name:BOWERS IMPLEMENT CO, INC.

Address:338 HWY 24-27 BYP

Box:City:ALBEMARLE

State:NC

ZIP:28001

Country:US

Phone:704-983-2161

CAGE:0S185

Company Name:DEERE & COMPANY

Address:400 19TH ST

City:MOLINE

State:IL

ZIP:61265

Phone:(309) 765-2767

CAGE:75755

Company Name:DEERE AND CO

Address:JOHN DEERE RD

Box:City:MOLINE

State:IL

ZIP:61265

Country:US

Phone:309-765-8000

CAGE:75160

===== Composition/Information on Ingredients =====

Ingred Name:SOLVENT REFINED, HYDROTREATED, HEAVY PARAFFINIC DISTILLATE

CAS:64742-54-7

Fraction by Wt: 50-60%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (MFG)

ACGIH TLV:5 MG/M3 (MFG)

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Fraction by Wt: 0-25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED LIGHT
NAPHTHENIC

CAS:64742-53-6
 RTECS #:PY8036000
 Fraction by Wt: 0-25%
 Other REC Limits:NONE SPECIFIED
 OSHA PEL:5 MG/M3 (OIL MIST)
 ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ADDITIVE PACKAGE CONTAINING ZINC DIALKYLDITHIOPHOSPHATE
 Fraction by Wt: 5-6%
 Other REC Limits:NONE SPECIFIED

Ingred Name:POLYMERIC ADDITIVE IN OIL (POLY-METHACRYLATE)
 Fraction by Wt: 10-15%
 Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
 Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
 Health Hazards Acute and Chronic:ACUTE: INHALATION- IRRITATING TO UPPER
 RESPIRATORY TRACT. EYES: IRRITATING. SKIN: IRRITATION. INGESTION:
 RELATIVELY NON-TOXIC. CHRONIC: DERMATITIS, OIL ACNE, FOLLICULITIS.
 Explanation of Carcinogenicity:NONE
 Effects of Overexposure:INHALATION: COUGHING, SHORTNESS OF BREATH,
 WHEEZING. EYES: REDNESS, TEARING. SKIN: REDNESS, RASH. INGESTION:
 POSSIBLY MILD NAUSEA.
 Medical Cond Aggravated by Exposure:PREEXISTING SKIN AND RESPIRATORY
 TRACT DISORDERS MAY BE AGGRAVATED.

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

First Aid:INHALE: REMOVE TO FRESH AIR. IF NOT BREATHING RESUSCITATE; IF
 BREATHING DIFFICULT, GIVE OXYGEN. EYES: IMMEDIATELY FLUSH WITH
 PLENTY OF WATER FOR 15 MINUTES. SKIN: WASH WITH SOAP & WATER.
 REMOVE CONTAMINATED CLOTHING & SHOES. INGEST:DO NOT INDUCE VOMIT.
 NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION.

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

Flash Point Method:COC
 Flash Point:390F,199C
 Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE,
 HALOGENATED AGENTS.
 Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
 FULL PROTECTIVE GEAR.
 Unusual Fire/Explosion Hazard:DO NOT USE DIRECT WATER STREAM. PRODUCT
 WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

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

Spill Release Procedures:REMOVE SOURCES OF IGNITION. CONTAIN SPILL.
 VENTILATE AREA. ABSORB WITH INERT MATERIAL. SCOOP UP AND PLACE IN
 CONTAINER FOR DISPOSAL.
 Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY WELL VENTED LOW FIRE
 RISK AREA. PROTECT FROM HEAT, SHOCK, FRICTION. KEEP CONTAINERS
 CLOSED.
 Other Precautions:KEEP AWAY FROM CHILDREN. KEEP AWAY FROM OPEN FLAME.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED

RESPIRATOR IF PEL/TLV EXCEEDED.
Ventilation:USE ADEQUATE MECHANICAL VENTILATION.
Protective Gloves:NITRILE
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION.
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
MSDS DATED 04-15-86/

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

HCC:V6
Spec Gravity:0.89
Solubility in Water:NEGLIGIBLE
Appearance and Odor:DARK AMBER;SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES
OXIDIZING MATERIALS.
Stability Condition to Avoid:OPEN FLAME, SOURCES OF IGNITION
Hazardous Decomposition Products:OXIDES OF CARBON, SULFUR, PHOSPHOROUS
& UNIDENTIFIED ORGANIC COMPOUNDS.

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

Waste Disposal Methods:DISPOSE WITH IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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