

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

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Product Identification
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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

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Composition/Information on Ingredients
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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 DIALKYL DITHIOPHOSPHATE
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

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Hazards Identification
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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.

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First Aid Measures
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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.

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Fire Fighting Measures
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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.

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Accidental Release Measures
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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.

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===== 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.

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===== 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/

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

HCC:V6

Spec Gravity:0.89

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK AMBER;SLIGHT ODOR

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===== 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.

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

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

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