

TECHNICAL CHEMICAL COMPANY -- J. DEERE 80% S/F 7 OZ. EA UN1960 (SEE SUPP) --  
6850-01-082-6783

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

Product ID:J. DEERE 80% S/F 7 OZ. EA UN1960 (SEE SUPP)

MSDS Date:06/15/1995

FSC:6850

NIIN:01-082-6783

Status Code:A

MSDS Number: CKPYR

=== Responsible Party ===

Company Name:TECHNICAL CHEMICAL COMPANY

Address:10737 SPANGLER ROAD

Box:20098

City:DALLAS

State:TX

ZIP:75220

C

Country:US

Info Phone Num:972-556-1421

Emergency Phone Num:214-556-1421

Resp. Party Other MSDS Num.:RE336361

CAGE:8X792

=== Contractor Identification ===

Company Name:DEERE AND CO

Address:JOHN DEERE RD

Box:City:MOLINE

State:IL

ZIP:61265

Country:US

Phone:309-765-8000

CAGE:75160

Company Name:SHEFFORD-MEADE INC

Address:498 RED LION RD

Box:City:WEST CHESTER

State:PA

ZIP:19382

Country:US

Phone:610-793-3340

Contract Num:SP0450-00-M-SD31

CAGE:9U847

Company Name:TECHNICAL CHEMICAL COMPANY

Address:10737 S

PANGLER ROAD  
Box:20098  
City:DALLAS  
State:TX  
ZIP:75220-7101  
Country:US  
Phone:972-556-1421  
CAGE:8X792

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

Ingred Name:ETHYL ETHER (CERCLA)  
CAS:60-29-7  
RTECS #:KI5775000  
= Wt:80.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:400 PPM  
ACGIH TLV:400PPM/500STEL; 9596  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:BUTANE (TOTAL PERCENTAGE OF INGREDIENTS 2 AND 3: 10-20%)  
CAS:106-97-8  
RTECS #:EJ4200000  
Minumum % Wt:10.  
Maxumum % Wt:20.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:800 PPM  
ACGIH TLV:800 PPM; 9596

Ingred Name:PROPANE  
CAS:74-98-6  
RTECS #:TX2275000  
Minumum % Wt:10.  
Maxumum % Wt:20.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
&lt; Wt:10.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;96

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED (MILD),  
HEAVY PARAFFINIC/LUBRICATING OI

L  
CAS:64742-65-0  
RTECS #:PY8038500  
&lt; Wt:10.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 AS OIL MIST  
ACGIH TLV:5 MG/M3 AS OIL MIST

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Health Hazards Acute and Chronic:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Effects of Overexposure:DROWSINESS,  
ASPHIXIATION, FROSTBITE: NECROSIS  
BY LIP AND TONGUE, BLANCHING OF SKIN, PAIN AND TENDERNESS.  
Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE  
PARTY.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION: REMOVE TO  
FRESH AIR. KEEP WARM AND AT REST. PROVIDE ARTIFICIAL  
RESPIRATION/OXYGEN/CPR IF NEEDED. DO NOT GIVE STIMULANTS  
(ADREHALINE, EPINIPHRINE OR HA ND HELD AEROSOLS). EYES:FLUSH  
WITH  
WATER FOR 20 MINUTES. FLUSH EXPOSED AREA WITH LUKEWARM WATER OR  
OTHERWISE WARM SKIN SLOWLY. FROSTBITE IS PROBABLE. SKIN:FLUSH WITH  
WATER. TREAT FOR FROSTBITE IF NEED ED. ORAL:GET MEDICAL ATTENTION  
IMMEDIATELY - FROSTBITE IS PROBABLE. WARM SKIN SLOWLY.

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

Flash Point:=-60.C, -76.F  
Autoignition Temp:=-405.C, 761.F  
Lower Limits:1.9  
Upper Limits:9.5  
Extinguishing Media:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Fire

Fighting Procedures:WHEN FIGHTING FIRE OR INVOLVED WITH THIS PRODUCT, USE SELF CONTAINED BREATHING APPARATUS. PROTECTIVE CLOTHING SHOULD MINIMIZE EXPOSED SKIN AND INCLUDE GOGGLES, FULL FACED SHEILD IF POSSIBLE AND LINED RUBBER GLOVES.

Unusual Fire/Explosion Hazard:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Spill Release Procedures:FOLLOW ACCEPTED INDUSTRY PRACTICES AND/OR COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL GOVERNMENT REGULATIONS. CHECK BEFORE HANDLING.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:ALL IGNITION SOURCES SHOULD BE ELIMINATED. SMOKING SHOULD BE PROHIBITED IN STORAGE AREAS. ELECTRICAL INSTALLATIONS SHOULD BE IN ACCORDANCE WITH ARTICLE 501 OF THE NATIONAL ELECTRICAL CODE. NFPA FLAMMA BLE AND COMBUSTIBLE CODE, SHOULD BE FOLLOWED FOR ALL STORAGE AND HANDLING.

Other Precautions:FREQUENT CAREFUL LEAKAGE INSPECTION SHOULD BE DONE. AUTOMATIC SPRINKLER SYSTEMS SHOULD BE PROVIDED. ISOLATE OXIDIZER CHEMICALS CAPABLE OF SPONTANEOUS HEATING, MATERIALS REACTING WITH AIR OR MOISTURE T O LIBERATE HEAT, IGNITION SOURCES AND EXPLOSIVES. CONSULT LOCAL FIRE CODES FOR ADDITIONAL STORAGE IN FORMATION.

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

Respiratory Protection:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Ventilatio

n:ADEQUATE VENTILATION. NEVER USE IN A CLOSED AND CONFINED SPACE. LOCAL EXHAUST MAY BE NECESSARY.

Protective Gloves:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Work Hygienic Practices:EXPOSED EMPLOYEES SHOULD EXERCISE REASONABLE PERSONAL CLEALINESS; THIS INCLUDES CLEANSING EXPOSED SKIN AREAS SEVERAL TIMES DAILY. LAUNDER CLOTHES AT LEAST TWICE WEEKLY.

Supplemental Safety and Health

THIS ITEM IS

FOR USE WITH TRACTORS ONLY. NOT FOR AUTOMOBILE USE.  
SHEFFORD-MEADE, INC P/N: RE336361

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

HCC:V3  
Boiling Pt:=34.5C, 94.1F  
Melt/Freeze Pt:M.P/F.P Text:FR116.2  
Vapor Density:>1.5  
Spec Gravity:0.721  
Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)  
Solubility in Water:>1  
Appearance and Odor:BLUE LIQUID AND BLUE TINGED VAPOR; SLIGHT ETHEREAL  
ODOR.

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

Stability Indicator/Materials to Avoid:NO  
NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Stability Condition to Avoid:KEEP AWAY FROM HEAT, SPARKS AND FLAMES,  
PRODUCTS TEND TO FORM EXPLOSIVE PEROXIDES UNDER THE INFLUENCE OF  
AIR AND LIGHT AND ON LONG STANDING.  
Hazardous Decomposition Products:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Toxicological Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Waste Disposal Methods:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Transport Information:DOT SHIPPING NAME: ENGINE STARTING FLUID. DOT  
HAZARD CLASS: FLAMMABLE GAS. DOT ID NUMBER: UN1960.

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

SARA Title III Info

rmation:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Federal Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

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