

MONSANTO CO -- SKYDROL LD-4 FIRE RESISTANT HYDRAULIC FLUID -- 9150-01-096-6497

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

Product ID:SKYDROL LD-4 FIRE RESISTANT HYDRAULIC FLUID

MSDS Date:07/18/1995

FSC:9150

NIIN:01-096-6497

MSDS Number: CHHRF

=== Responsible Party ===

Company Name:MONSANTO CO

Address:800 N LINDBERGH BLVD

City:SAINT LOUIS

State:MO

ZIP:63167

Country:US

Info Phone Num:800-332-3111/314-694-6

661

Emergency Phone Num:314-694-4000/800-424-9300(CHEMTREC)

CAGE:76541

=== Contractor Identification ===

Company Name:MONSANTO COMPANY

Address:800 N LINDBERGH BLVD

Box:City:SAINT LOUIS

State:MO

ZIP:63167

Country:US

Phone:314-694-6661 OR 800-332-3111

CAGE:76541

Company Name:SOLUTIA INC.

Address:10300 OLIVE BLVD

Box:City:ST LOUIS

State:MO

ZIP:63166-6760

Country:US

Phone:334-473-8472

CAGE:1CHP6

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

Ingred Name:TRIBUTYL PHOSPHATE

CAS

:126-73-8
RTECS #:TC7700000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:0.2 PPM; 9596

Ingred Name:DIBUTYL PHENYL PHOSPHATE
CAS:2528-36-1
RTECS #:TB9626600
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:S,3.5 MG/M3 (0.3PPM)

Ingred Name:2,6-DI-TERT-BUTYL-P-CRESOL
CAS:128-37-0
RTECS #:GO7875000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3; 9596

Ingred Name:BUTYL DIPHENYL PHOSPHATE
CAS:2752-95-6
Other REC Limits:NONE RECOMMENDED

=====
Haza
rds Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) 2,100 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &
GASTROINTESTINAL TRACTS. ACUTE- EYE:MAY CAUSE SEVERE PAIN.
SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE DRYING & CRACKING.
INHALE:VAPORS OR MISTS MAY CAUSE RESPIRATORY IRRITATION. ORAL:MAY
BE HARMFUL IF INGESTED. CHR
ONIC- MAY CAUSE URINARY BLADDER DAMAGE
BASED ON ANIMAL STUDIES.
Explanation of Carcinogenicity:NONE.
Effects of Overexposure:IRRITATION, REDNESS, NAUSEA, VOMITING, BLURRED
VISION, TEARING, DEFATTING OF SKIN, HEADACHE, CRACKING
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE
MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First

Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WIPE OFF EXCESS & WASH SKIN WITH MILD SOAP & WATER OR WATERLESS CLEANER. ORAL:GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:320F,160C

Autoignition Temp:Autoignition Temp Text:750F

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, SAND, FOAM/DRY

CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:TOXIC GASES

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. PROVIDE ADEQUATE VENTILATION. REMOVE SPILL WITH INERT ABSORBENT SUCH AS SAND, CLAY, EARTH. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. REPORT SPILLS AS REQUIRED TO AUTHORITIES.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURES. KEEP AWAY FROM STRONG OXIDIZERS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DO NOT GET IN EYES. MINIMIZE SKIN CONTACT. WASH

THOROUGHLY AFTER HANDLING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. EMPTY CONTAINER RETAINS RESIDUE. FOLLOW LABEL INSTRUCTIONS.

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

Respiratory Protection:NONE NORMALLY NEEDED. IF EXCESSIVE MISTING IS EXPECTED, WEAR NIOSH-APPROVED ORGANIC VAPOR AND MIST RESPIRATOR (REFER TO 29 CFR 1910.134)

Ventilation:ADEQUATE

Protective Gloves:NEOPRENE TO MINIMIZE SKIN CONTACT

Eye Protection:CHEMICAL GOGGLES/SAFETY GLASSES

ASSES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P

Text: