

SHELL CHEMICAL COMPANY A DIV. OF SHELL OIL CO. -- AUTOMATIC TRANSMISSION FLUID
DEXRON II -- 9150-00-657-4959

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

Product ID:AUTOMATIC TRANSMISSION FLUID DEXRON II

MSDS Date:05/29/1991

FSC:9150

NIIN:00-657-4959

MSDS Number: BNQBZ

=== Responsible Party ===

Company Name:SHELL CHEMICAL COMPANY A DIV. OF SHELL OIL CO.

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-241-4819

Emergency Phone Num:713-473-9461

CAGE:86961

=== Contractor Identification ===

Company Name:ROYAL LUBRICANTS COMPANY INC.

Address:215 MERRY LN

Box:518

City:EAST HANOVER

State:NJ

ZIP:07936

Country:US

Phone:973-887-7411/7410

CAGE:07950

Company Name:SHELL CHEMICAL COMPANY A DIV. OF SHELL OIL CO.

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Phone:713-473-9461

CAGE:86961

=====
Composition/Information on Ingredients

=====

Ingred Name:SOL.REF.HYDROTREATED HEAVY PARAFFINIC DIST.
CAS:64742-54-7
Fraction by Wt: 35 - 65%
Other REC Limits:NONE SPECIFIED

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE
CAS:64742-46-7
RTECS #:JN9379645
Fraction by Wt: 0 - 36%
Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL OIL
CAS:64742-53-6
RTECS #:PY8036000
Fraction by Wt: 0 - 36%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:ADDITIVE PACKAGE
Fraction by Wt:
0 - 15%
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:TLV IS 5 MG/M3 AS OIL MIST.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-EYE:MINOR
IRRITATION.SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE
DERMATITIS,FOLLICULITIS/OIL ACNE.INHALE:VAPORS AT HIGH
TEMPERATURES/OIL MISTS MAY BE MILDLY IRRITATING TO THE NOSE,THRO
AT
& RESPIRATORY TRACT.ORAL:SLIGHTLY TOXIC IF SWALLOWED.CHRONIC-MAY
CAUSE DERMATITIS.
Effects of Overexposure:MINOR EYE IRRITATION. PROLONGED OR REPEATED
SKIN CONTACT MAY CAUSE DERMATITIS, FOLLICULITIS OR OIL ACNE. VAPORS
AT HIGH TEMPERATURES OR OIL MISTS MAY BE MILDLY IRRITATING TO THE
NOSE, THROAT & RESPIRATORY TRACT. SLIGHTLY TOXIC IF SWALLOWED.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE
MORE SUSCEPTIBLE TO THIS MATERIAL.

=====

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WIPE EXCESS. FLUSH SKIN WITH WATER, THEN WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GET MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:375F,191C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & REIGNITE

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS IN + PRESSURE MODE. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICUL

ATES AND GASES WILL EVOLVE. CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. STOP LEAK. CONTAIN LARGE SPILL. PUMP IT TO TRUCK. SOAK UP RESIDUE/SMALL SPILLS WITH CLAY/SAND. FLUSH AREA WITH WATER. DISPOSE OF PROPERLY. THIS PRODUCT IS A N OIL. REPORT SPILLS TO NRC AT 800-424-8802.

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

Handling and Storage Precautions:STORAGE-STORE IN COOL, DRY VENTILATED PLACE AWAY FROM HEAT, FLAME & STRONG OXIDANTS.

Other Precautions:WASH HANDS WITH SOAP AND WATER BEFORE EATING, DRINKING OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. DO NOT GENERATE MISTS OR VAPORS. AVOID CONTACT WITH EYES AND SKIN. DO NOT BREATHE VAPORS OR MISTS.

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

Respiratory Protecti

on:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS AND MISTS. WEAR SUPPLIED-AIR RESPIRATOR PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.

Ventilation:MECHANICAL VENTILATION. (EXPLOSION-PROOF)

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES/SAFETY GOGGLES

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

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

HCC:V6

Melt/Freeze Pt:M.P/F.P Text:-40F,-40C

Spec Gravity:0.876

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID - SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Material

s to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, OPEN FLAMES

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES AND GASES SUCH AS CARBON MONOXIDE WILL EVOLVE.

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

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

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

This information is formulate

d for use by elements of the Department

of Defense. The United States of America in no manner whatsoever,

expressly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and

assume responsibility for the suitability of this information to their

particular situation.