

PETRO-CANADA INC (PCCE) -- XHD 30 -- 9150-00-189-6729

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

Product ID:XHD 30

MSDS Date:07/01/1993

FSC:9150

NIIN:00-189-6729

MSDS Number: BRLWX

=== Responsible Party ===

Company Name:PETRO-CANADA INC (PCCE)

Box:2844

City:CALGARY ALBERTA

Country:CA

Info Phone Num:403-296-3000/TRANSPORT 613-996-6666

Emergency Phone Num:403-296-3000/604-789-3311

CAGE:38766

=== Contract

or Identification ===

Company Name:PETRO-CANADA INC

Address:150 6TH AVENUE

Box:2844

City:CALGARY

State:AB

Country:CA

Phone:403-296-3000

CAGE:38766

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

Ingred Name:SEVERELY HYDROTREATED PARAFFINIC OIL (CAS 72623-87-1 AND  
72623-85-9).

CAS:72623-87-1

Fraction by Wt: >87%

Other REC Limits:NONE RECOMMENDED

Ingred Name:POUR POINT, ANTIFOAM, ORGANO-ZINC PHOSPHOROUS ADDITIVES

Fraction by Wt: 5000 MG/KG

Routes of Entry: Inhalation:YE

S Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION-NEGLIGIBLE HAZARD AT NORMAL TEMPERATURES. INHALATION OF OIL MISTS OR VAPORS FROM HOT OIL MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT. SKIN & EYES-MILDLY IRRITATING TO EYES. PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE MILD IRRITATION AND POSSIBLY DERMATITIS. INGESTION-LOW TOXICITY ON INGESTION.

Explanation of Carcinogenicity:AN API STUDY HAS INDICATED THAT

PROLONGED OR REPEATED EXPOSURE TO USED MOTOR OILS CAN CAUSE SKIN CANCER IN MICE.

Effects of Overexposure:INGESTION-HAS LAXATIVE EFFECTS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN-REMOVE CONTAMINATED CLOTHING. SOAP & WATER WASH. DISCARD SATURATED LEATHER ARTICLES. EYES-COPIOUS WARM WATER FLUSH, 15 MIN. PHYSICIAN ASSESSMENT IF EYES INFLAMED. INHALATION-EV

ACUATE TO FRESH

AIR . APPLY CARDIO PULMONARY RESUSCITATION.ADMINISTER OXYGEN IF AVAILABLE. IF RESUSCITATION REQUIRED, PHYSICIAN ASSESSMENT MANDATORY. INGESTION-DO NOT INDUCE VOMITING. FORCE FLUID. ACTIVATED CHARCOAL TAB

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

Flash Point Method:COC

Flash Point:414F,212C

Autoignition Temp:Autoignition Temp Text:>355C

Extinguishing Media:DRY CHEMICAL OR CARBON DIOXIDE FOR SMALL FIRES. WATER SPRAY OR FOAM FOR LARGE FIRES.

Fire Fighting Procedures:CONTAIN SPILL. COVER WITH EXTINGUISHING AGENT. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS & AS A PROTECTIVE SCREEN.

Unusual Fire/Explosion Hazard:ADDITION OF WATER OR FOAM MAY CAUSE FROTHING. DO NOT CUT, DRILL OR WELD EMPTY CONTAINERS. DO NOT POINT SOLID WATER STREAM DIRECTLY INTO BURNING OIL.

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

Spill Release Procedures:CONTAIN SPILL. ABSORB WITH INERT ABSORBENT SUCH AS DR

Y CLAY, SAND OR DIATOMACEOUS ERATH, COMMERCIAL SORBENT,  
OR RECOVER USING PUMPS. SCOOP UP USED ABSORBENT AND RAGS INTO  
DRUMS.

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

Handling and Storage Precautions:STORE IN COOL, WELL-VENTILATED AREA.  
AVOID INHALATION & SKIN CONTACT ESPECIALLY WHEN HANDLING USED OIL.  
Other Precautions:NOTES TO PHYSICIAN: GASTRIC LAVAGE SHOULD ONLY BE  
DONE AFTER ENDOTRACHEAL INTUBATION IN VIEW OF THE RISK OF  
ASPIRATION WHICH CAN C  
AUSE SERIOUS PNEUMONITIS FOR WHICH  
ANTIBIOTICS AND CORTCOSTEROID THERA PTMAY BE INDICATED.

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

Respiratory Protection:NORMALLY NOT NECESSARY. IF MIST GENERATED BY  
HEATING, SPRAYING, ETC. WEAR APPROVED ORGANIC RESPIRATOR SUITABLE  
FOR OIL MIST IN AREA WITH SUFFICIENT OXYGEN.  
Ventilation:GENERAL VENTILATION.  
Protective Gloves:VITON OR NITRILE, OR PVC GLOVES.  
Eye Protection:CHEMICAL GOGGLES IF SPLASHING LIKELY.  
Other Prote  
ctive Equipment:WEAR LONG SLEEVED CLOTHING TO MINIMIZE SKIN  
CONTACT.  
Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING.  
LAUNDER WORK CLOTHES FREQUENTLY. DISCARD SATURATED LEATHER GOOD.  
Supplemental Safety and Health  
NONE

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

HCC:V6  
Boiling Pt:B.P. Text:>716F,>380C  
Vapor Pres: