

KRANS OIL CO -- LS NO. 2 DIESEL FUEL -- 9140-00-286-5294

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Product Identification  
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Product ID:LS NO. 2 DIESEL FUEL

MSDS Date:09/24/1993

FSC:9140

NIIN:00-286-5294

MSDS Number: BTWPR

=== Responsible Party ===

Company Name:KRANS OIL CO

Address:1505 15TH ST

City:LAKE LINDEN

State:MI

ZIP:49945

Country:US

Info Phone Num:312-856-3907

Emergency Phone Num:800-447-8735/800-424-9300(CHEMTREC)

CAGE:

0YZ30

=== Contractor Identification ===

Company Name:KRANS OIL CO

Address:1505 15TH ST

Box:City:LAKE LINDEN

State:MI

ZIP:49945

Country:US

Phone:312-856-3907

CAGE:0YZ30

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Composition/Information on Ingredients  
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Ingred Name:PETROLEUM DISTILLATE, NO. 2 FUEL OIL

CAS:68476-30-2

RTECS #:LS8930000

Fraction by Wt: N/GIVEN

Other REC Limits:NONE RECOMMENDED

Ingred Name:NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

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SHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9394  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingrid Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM/150STEL;9394  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50,ORAL FOR SIMILAR PRODUCT >5G/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Repor  
ts of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:NO SIGNIFICANT EYE HEALTH HAZ  
IDENTIFIED. CAN CAUSE SKIN IRRIT ON PROLONG/REPEAT CONTACT. NO  
SIGNIFICANT INHAL HEALTH HAZ IDENTIFIED FOR THE LIQUID FUEL.LOW  
VISCOSITY PRODUCT. HARMFUL OR FATAL IF SWAL LOWED & THEN ASPIRATED  
INTO LUNGS CAUSING CHEM PNEUMONIA & DEATH. KIDNEY DAMAGE IN MALE  
RATS W/MATLS OF THIS TYPE.  
Explanation of Carcinogenicity:PER MSDS NO INGRED PRESENT @ LEVELS FOR  
CARCINO.  
NIOSH RECOMMENDS WHOLE DIESEL EXHAUST REGARDED AS POTENTIAL  
OCCUP CARCIN  
Effects of Overexposure:INHAL OF VAPORS FROM HEATED MATL IN CONFINED  
AREA CAUSES DIZZINESS, HEADACHE, NAUSEA, POSSIBLE IRRIT OF  
EYE/NOSE/THROAT.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

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

First Aid:EYE:FLUSH W/PLENTY OF WATER. SKIN:WASH W/SOAP & WATER. REMOVE  
CONTAMIN CLOTHING/SHOE. INHAL:IF ADVERSE EFFECTS OCCUR REMOVE TO

UNCONTAMINATED AREA. INGEST:DO NOT INDUCE VOMIT. GET IMMED MED ATTN.

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

Flash Point Method:TCC

Flash Point:120F,49C

Lower Limits:0.6

Upper Limits:7.5

Extinguishing Media:AGENTS APPROVED FOR CLASS B HAZ (E.G. DRY CHEMICAL, CARBON DIOXIDE, HALOGENATED AGENTS, FOAM, STEAM) OR WATER FOG.

Fire Fighting Procedures:NONE SPECIFIED BY MFG; HOWEVER WEAR APPROPRIATE PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID.

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

Spill Release Procedures:REMOVE OR SHUT OFF ALL SOURCES OF IGNITION. PREVENT SPREADING BY DIKING, DITCHING, OR ABSORBING ON INERT MATERIALS. IF SPILLED INTO WATERS OF USA IT MAY BE REPORTABLE UNDER 33 CFR PART 153 IF IT PRODUCES A SHEEN.

Neutralizing Agent:NONE SPECIFIED BY MFG.

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

Handling and Storage Precautions:STORE IN COMBUSTIBLE LIQUIDS STORAGE

AREA. STORE AWAY FROM HEAT, IGNITION SOURCES, AND OPEN FLAME IN ACCORDANCE W/APPLICABLE FED/STATE/LOC REGS.

Other Precautions:THE CONTAINER FOR THIS PRODUCT CAN PRESENT EXPLOSION OR FIRE HAZARDS, EVEN WHEN EMPTIED. TO AVOID RISK OF INJURY, DO NOT CUT, PUNCTURE OR WELD ON OR NEAR THIS CONTAINER.

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

Respiratory Protection:NONE SPECIFIED BY MFG. HOWEVER, USE WITH ADEQUATE VENTILATION. IF AIR CON

TAMINANTS LEVEL ABOVE ESTABLISHED

EXPOSURE LIMITS USE APPROPRIATE NIOSH APPROVED RESP.

Ventilation:USE WITH ADEQUATE VENTILATION.

Protective Gloves:WEAR PROTECTIVE GLOVES.

Eye Protection:NONE REQUIRED;HOWEVER USE EYE PROTECTION

Other Protective Equipment:WEAR PROTECTIVE CLOTHING IF PROLONG/REPEAT CONTACT. EYE PROTECTION IS GOOD INDUSTRIAL PRACTICE.

Work Hygienic Practices:WASH HANDS AFTER HANDLING.PRACTICE GOOD PERSONAL HYGENIC PRACTICES.THOROUGHLY CLEAN & DRY CONTAMINATED CLOTHING

B

EFORE REUSE

Supplemental Safety and Health

BOILING PT RANGE:340F-675F APPROX. FROM SKIN-PAINTING STUDIES OF PETRO  
DISTILLATES OF SIMILAR COMPOSITION & DISTILLATE RANGE HAS BEEN  
SHOWN THESE MATLS OFTEN POSSES WEAK CARCINOGENIC ACTIVITY IN LAB A  
NIMALS.MFG HAVE CHOSEN TO BE CAUTIOUS INLIGHT OF FINDINGS W/OTHER  
DISTILLATED STREAMS.

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

HCC:V3

Boiling Pt:B.P. Text:340F,171C

Spec Gravity:0.85-0.88

Solubility in Water:N

EGLIGIBLE (