

CITGO PETROLEUM CORP -- 0331, OMC HIGH PERFORMANCE OUTBOARD S/O -- 9150-01-318-6008  
===== Product Identification =====

Product ID:0331, OMC HIGH PERFORMANCE OUTBOARD S/O

MSDS Date:01/29/1994

FSC:9150

NIIN:01-318-6008

Status Code:A

MSDS Number: CKWPQ

=== Responsible Party ===

Company Name:CITGO PETROLEUM CORP

Box:3758

City:TULSA

State:OK

ZIP:74102-3758

Country:US

Info Phone Num:918-495-5933

Emerge

ncy Phone Num:918-495-4700

Resp. Party Other MSDS Num.:COMMODITY CODE: 25-482MIXTURE

Chemtec Ind/Phone:(800)424-9300

CAGE:7X110

=== Contractor Identification ===

Company Name:CITGO PETROLEUM CORP

Address:6100 S YALE AVE

Box:3758

City:TULSA

State:OK

ZIP:74102

Country:US

Phone:918-495-5933

CAGE:7X110

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

Ingred Name:REFINED PETROLEUM OIL(S) (MIXTURE WITH CAS# 64742-01-4)

CAS:64741-88-4

RTECS #:PY8040500

Fraction by Wt: 50-60% TMIX

Ingred Name:REFINED PETROLEUM OIL(S) (MIXTURE WITH CAS# 64741-88-4)

CAS:64742-01-4

Fraction by Wt: 50-60% TMIX

Ingred Name:MINERAL SPIRITS

CAS:8052-41-3

RTECS #:WJ8925000

&lt; Wt:25.

OSHA PEL:2900 MG/M3;500 PPM

ACGIH TLV:525 MG/M3;100 PPM

Ingred Name:ASHLESS DISPERSANT PACKAGE

&lt; Wt:15.

Ingred Name:POLY ESTER

&lt; Wt:15.

Ingred Name:DYE

&lt; Wt:.1

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===== Hazards Identification =====  
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LD50 LC50 Mixture:ORAL: LD50 (RAT): 15 G/KG. (REFINED OIL)

Routes of En

try: Inhalation:UNKNOWN Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: INHALATION: LOW RISK. IN

ENCLOSED SPACES OR WHEN HOT, VAPORS MAY REACH CONCENTRATIONS THAT CAUSE DIZZINESS, NAUSEA, LUNG IRRITATION. MISTS ABOVE TLV MAY CAUSE CHEMICAL PNEUMONITIS. DERMAL CONTACT: MILD IRRITANT. EYE CONTACT: MILDLY IRRITATING. INGESTION: TOXICITY IS RELATIVELY LOW, HOWEVER, AT A SAYBOLT VISCOSITY OF ABOUT 156 (100F), T

HERE EXISTS SOME RISK

OF ASPIRATION INTO LUNGS. ON INGESTION OF LARGE QUANTITIES, SLIGHT GI DISCOMFORT. SMALL DOSES MAY PRODUCE IRRITATION AND DIARRHEA. INJECTION: SUBCUTANEOUS OR INTRAMUSCULAR INJECTION SHOULD BE CONSIDERED A MEDICAL EMERGENCY. (CONTD SEE ECOLOGICAL)

Explanation of Carcinogenicity:NOT A CARCINOGEN PER 29 CFR PART

1910.1200.NOT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC, OSHA, OTHER.

Effects of Overexposure:INHALATION: DROWSINESS, DIZZINE

SS, HEADACHE,  
NAUSEA, LUNG IRRITATION, CHEMICAL PNEUMONITIS, PULMONARY  
IRRITATION, CHRONIC BRONCHITIS. DERMAL: IRRITATION, DRYING,  
CRACKING (DERMATITIS), FOLLICULITIS. EYE: IRRITATION. INGESTION:  
ASPIRATION INTO LUNGS. SLIGHT GI DISCOMFORT, DIARRHEA, HEADACHE,  
IRRITATION, AND DIARRHEA. INJECTION: SUBCUTANEOUS OR INTRAMUSCULAR  
INJECTION SHOULD BE CONSIDERED AS A MEDICAL EMERGENCY.  
Medical Cond Aggravated by Exposure:NONE.

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===== First Aid Measures =====  
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First Aid:INHALATION: REMOVE TO FRESH AIR. RESPIRATORY SUPPORT, IF  
NECESSARY. SEEK MEDICAL AID. DERMAL: WASH WITH SOAP AND WATER. DO  
NOT WEAR HEAVILY CONTAMINATED CLOTHING BEFORE LAUNDERING. EYES:  
FLUSH WITH LARGE VOLUMES OF WATER. SEEK PHYSICIAN IF ANY  
COMPLICATIONS ARISE. INGESTION: DO NOT INDUCE VOMITING. SEEK  
MEDICAL AID. INJECTION: SUBCUTANEOUS INJECTION IS A MEDICAL  
EMERGENCY. SEEK MEDICAL AID IMMEDIATELY. NOTES TO PHYSICIAN:  
FOLLOWING ING  
ESTION, AT A SAYBOLT VISCOSITY OF ABOUT 156 SUS,  
(100F), THERE IS RISK OF ASPIRATION INTO LUNGS. REMOVAL BY CUFFED  
TUBE LAVAGE MAY BE CONSIDERED. (CONTD SEE ECOLOGICAL)

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===== Fire Fighting Measures =====  
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Flash Point Method:PMCC  
Flash Point:=-62.C, 143.6F  
Lower Limits:1.0  
Upper Limits:6.0  
Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER FOG.  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:WATER MAY CAUSE FROTHING.

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===== Accidental Release Measures =====  
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Spill Release Procedures:REMOVE SOURCES OF HEAT OR IGNITION, PROVIDE  
ADEQUATE VENTILATION, CONTAIN LEAK. SMALL SPILLS: ABSORB WITH  
SUITABLE MATERIAL SUCH AS RAGS, STRAW OR SAND. LARGE SPILLS:  
CONTAIN SPILL IN EARTHEN DIKES FOR LATER RECOVERY. REPORT SPILLS  
AS REQUIRED TO APPROPRIATE AUTHORITIES.

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===== Handling and Storage =====  
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Handling and Storage Precautions:STORAGE: STORE BELOW 150F. DO NOT

APPLY HIGH HEAT OR FLAME TO CONTAINER. KEEP SEPARATE FROM STRONG OXIDIZING AGENTS. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE WHICH COULD INCLUDE FLAMMABLE OR EXPLOSIVE VAPORS.

Other Precautions:CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL AUTHORITIES BEFORE REUSING, RECONDITIONING, RECLAIMING, RECYCLING OR DISPOSING OF EMPTY CONTAINERS AND/OR WASTE RESIDUES OF THIS PRODUCT.

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

Respiratory Protection:NORMAL

LY NONE REQUIRED. IF HIGH VAPOR OR MIST

CONCENTRATIONS EXPECTED, USE RESPIRATOR APPROVED FOR ORGANIC VAPORS AND MISTS.

Ventilation:USE IN WELL VENTILATED AREA. IN CONFINED SPACE, MECHANICAL VENTILATION MAY BE REQUIRED TO KEEP EXPOSURE LEVELS BELOW MANDATED STANDARDS.

Protective Gloves:OIL IMPERVIOUS GLOVES IF FREQUENT OR PROLONGED CONTACT EXPECTED.

Eye Protection:SAFETY GOGGLES, OR CHEMICAL SPLASH GOGGLES IF SPLASHING IS ANTICIPATED.

Other Protective Equipment:WEAR BODY-C

OVERING WORK CLOTHES TO AVOID

PROLONGED OR REPEATED EXPOSURE. LAUNDER SOILED WORK CLOTHES BEFORE REUSE.

Work Hygienic Practices:USE IN WELL VENTILATED AREAS. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE WHICH COULD INCLUDE FLAMMABLE OR EXPLOSIVE VAPORS. CONSULT FEDERAL, STATE, LOCAL AUTHORITIES BEFORE REUSING.

Supplemental Safety and Health

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

HCC:V4

Boiling Pt:=148.9C, 300.F

Vapor Pres:1

Spec Gravity:0.88

pH

:ND

Evaporation Rate & Reference: