

CHEVRON ENVIRONMENTAL HEALTH CENTER INC. -- L/O MIL-L-2104D/46152B SAE 15W-40 --
9150-00-191-2772

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

Product ID:L/O MIL-L-2104D/46152B SAE 15W-40

MSDS Date:01/09/1989

FSC:9150

NIIN:00-191-2772

MSDS Number: BQDHJ

=== Responsible Party ===

Company Name:CHEVRON ENVIRONMENTAL HEALTH CENTER INC.

Address:15299 SAN PABLO AVE.

Box:4054

City:RICHMOND

State:CA

ZIP:94804

Coun

try:US

Info Phone Num:415-233-3737

Emergency Phone Num:415-233-3737

CAGE:0AHD1

=== Contractor Identification ===

Company Name:CHEVRON ENVIRONMENTAL HEALTH CENTER INC

Address:15299 SAN PABLO AVE

Box:4054

City:RICHMOND

State:CA

ZIP:94804

Country:US

Phone:800-582-3835

CAGE:0AHD1

Company Name:GOODSPEED R E & SONS DISTRIBUTORS INC

Address:17671 EUCALYPTUS

Box:City:HESPERIA

State:CA

ZIP:92345

Country:US

Phone:619-949-3356

CAGE:0PHX5

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

Ingred Name: DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
CAS: 64742-54-7
RTECS #: PY8035500
Fraction by Wt: >70%
Other REC Limits: NONE SPECIFIED
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM

Ingred Name: ZINC DIALKYL DITHIOPHOSPHATE & ZINC DIARYL DITHIOPHOSPHATE
(MIXED)

CAS: 68649-42-3

Fraction by Wt: 5G/KG ESTIMATED

Routes of Entry: Inhalation: NO Skin: NO Ingestion: NO

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

Health Hazards Acute and Chronic: ON RARE OCCASIONS, PROLONGED AND
REPEATED EXPOSURE

TO OIL MIST POSES A RISK OF PULMONARY DISEASE

SUCH AS CHRONIC LUNG INFLAMMATION. THIS CONDITION IS USUALLY
ASYMPTOMATIC AS A RESULT OF REPEATED SMALL ASPIRATIONS. SHORTNESS
OF BREATH AND COUGH ARE THE MOST COMMON SYMPTOMS. ASPIRATION MAY
LEAD TO CHEMICAL PNEUMONITIS.

Explanation of Carcinogenicity: IARC HAS DETERMINED THERE IS SUFFICIENT
EVIDENCE FOR THE CARCINOGENICITY IN EXPERIMENTAL ANIMALS OF USED
MOTOR OIL.

Effects of Overexposure: GENERALLY CONSIDERED MINIMALLY IRRIT
ATING TO

THE EYES AND MILDLY IRRITATING TO THE SKIN. PROLONGED AND REPEATED
CONTACT MAY RESULT IN VARIOUS SKIN DISORDERS SUCH AS DERMATITIS,
FOLLICULITIS OR OIL AC NE. INHALATION OF VAPOR OR OIL MIST MAY CAUSE
MILD UPPER RESPIRATORY TRACT IRRITATION. SLIGHTLY TOXIC IF
SWALLOWED.

Medical Cond Aggravated by Exposure: PREEXISTING SKIN AND RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid: SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION: REMOVE TO
FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.
EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: MAY ACT AS A
LAXATIVE. DO NOT INDUCE VOMITING. RELATIVELY NON-TOXIC UNLESS
ASPIRATED.

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

Flash Point Method:COC

Flash Point:447F,231C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

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

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATERCOURSES, REMOVE ALL SOURCES OF IGNITION. ABSORB WITH APPROPRIATE INERT MATERIAL SUCH AS SAND, CLAY, ETC. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, BUCKETS, ETC.

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

Handling and Storage Precautions:DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN FLAME, OR OXIDIZING MATERIALS. COMBUSTIBLE LIQUID.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES THAT CAN NOT BE DECONTAMINATED.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES OR AN ATMOSPHERE-SUPPLYING RESPIRATOR IF REQUIRED. PROTECTION IS NOT REQUIRED UNDER NORMAL USE CONDITIONS.

Ventilation:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE. MECHANICAL EXHAUST RECOMMENDED IF USED IN ENCLOSED AREA.

Protective Gloves:CHEMICAL RESISTANT GLOVES (NITRILE BEST)

Eye Protection:WEAR CHEMICAL SAFETY GOGGLES

Other Protective Equipment:WEAR PROTECTIVE CLOTHING, APRON AND BOOTS AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:MINIMIZE SKIN CONTACT

T. WASH WITH SOAP AND WATER

BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING SURFACE WATERS OR ANY WATER COURSES OR SEWERS ENTERING/LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER. 800-424-8602

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

HCC:V6

Spec Gravity:0.88 (WATER=1)

Viscosity:99.1 CST

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK BROWN LIQUID

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION. MAY PRODUCE OXIDES OF SULFUR.

===== Dispos

al Considerations =====

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. RECYCLE IF POSSIBLE.

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