

CHEVRON U S A INC -- THINNER 410-B -- 6850-00-274-5421

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

Product ID:THINNER 410-B

MSDS Date:08/02/1989

FSC:6850

NIIN:00-274-5421

MSDS Number: BXCNL

=== Responsible Party ===

Company Name:CHEVRON U S A INC

Address:575 MARKET ST

Box:RM2900

City:SAN FRANCISCO

State:CA

ZIP:94105-2856

Country:US

Info Phone Num:415-894-2783, 800-582-3835

Emergency Phone Num:800-424-9300

/202-483-7616

CAGE:81230

=== Contractor Identification ===

Company Name:CHEVRON PRODUCTS COMPANY LUBRICANTS AND SPECIALTY PRODUCTS

Address:6001 BOLLINGER CANYON RD

Box:City:SAN RAMON

State:CA

ZIP:94583

Country:US

Phone:800-414-6737 / 800-582-3835

CAGE:81230

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

Ingred Name:HYDROTREATED LIGHT DISTILLATE (PETROLEUM)

CAS:64742-47-8

Fraction by Wt: 93%

Ingred Name:ALKYLBENZENES (C10-C12)

CAS:68515-25-3

Fraction by Wt: 7%

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: OVEREXPOSURE MAY LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION, LEADING TO IRRITATION, HEADACHE, NAUSEA, DIZZINESS, FATIGUE, CONFUSION AND UNCONSCIOUSNESS. EYE: MAY LEAD TO IRRITATION. SKIN: MAY LEAD TO DERMATITIS. INGESTION: MAY LEAD TO VOMITING. CHRONIC: REPEATED AND PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:CONTAINS A PETROLEUM MID-DISTILLATE. STUDIES ON SIMILAR HYDROCARBON MID-DISTILLATES INDICATE POSSIBLE SKIN CARCINOGENICITY

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY IRRITATION, NAUSEA, FATIGUE, DIZZINESS, HEADACHES, UNCONSCIOUSNESS, DERMATITIS AND EYE IRRITATION. BRIEF OR INTERMITTENT SKIN CONTACT WITH THIS PRODUCT IS NOT EXPECTED TO PRODUCE ANY SERIOUS EFFECTS IF IT IS WASHED FROM THE SKIN. FOLLOW THE PRECAUTIONS OUTLINED IN THIS MSDS.

Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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First Aid Measures
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First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. 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: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:140F,60C

Autoignition Temp:Autoignition Temp Text:489F

Lower Limits:1.0

Upper Limits:6.0

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

Fire Fighting Procedures:FOR FIRES INVOLVING

LIVING THIS MATERIAL, DO NOT

ENTER NY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT. THIS MAY INCLUDE SCBA.

Unusual Fire/Explosion Hazard:LIQUID EVAPORATES READILY ABOVE 85F;

FORMS INVISIBLE VAPOR WHICH CAN SPREAD EASILY & BE IGNITED REMOTELY BY IGNITION SOURCES WITH EXPLOSIVE VIOLENCE.

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

Spill Release Procedures:ELIMINATE ALL OPEN FLAME IN VICINITY OF SPILL OR RELEASED VAPOR. STOP THE SO

URCE OF THE LEAK OR RELEASE. CLEAN-UP

RELEASE AS SOON AS POSSIBLE, OBSERVING PRECAUTIONS IN PROTECTIVE EQUIPMENT. CONTAIN LI QUID TO PREVENT FURTHER CONTAMINATION OFSOIL.

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

Handling and Storage Precautions:DO NOT USE OR STORE NEAR FLAME, SPARKS OR HOT SURFACES. USE ONLY IN WELL VENTILATED AREA. KEEP CONTAINER CLOSED. DO NOT WELD, HEAT OR DRILL CONTAINER.

Other Precautions:READ AND OBSERVE ALL PRECAUTIONS ON PRODU CT LABEL.

REPLACE CAP OR BUNG. EMPTIED CONTAINER STILL CONTAINS HAZARDOUS OR EXPLOSIVE VAPOR OR LIQUID. CAUTION! DO NOT USE PRESSURE TO EMPTY DRUM OR EXPLOSION MAY RESULT.

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

Respiratory Protection:WEAR APPROVED RESPIRATORY PROTECTION SUCH AS AN ORGANIC VAPOR CARTRIDGE RESPIRATOR OR AN AIR-SUPPLYING RESPIRATOR UNLESS VENTILATION EQUIPMENT IS ADEQUATE TO KEEP AIRBORNE CONCENTRATIONS BELOW THE EXP OSURE STA NDARDS.

Ventilation:USE ADEQUATE VENTILATION TO KEEP THE AIRBORNE CONCENTRATIONS OF THIS MATERIAL BELOW THE RECOMMENDED EXPOSURE STANDARD.

Protective Gloves:WEAR PROTECTIVE GLOVES.

Eye Protection:NO SPECIAL EYE PROTECTION IS NEEDED.

Other Protective Equipment:AVOID CONTACT WITH SKIN. SKIN CONTACT SHOULD BE MINIMIZED BY WEARING PROTECTIVE CLOTHES.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AR

EA.

Supplemental Safety and Health

WARNING! NOT FOR USE AS PORTABLE HEATER OF APPLIANCE FUEL. TOXIC FUMES MAY ACCUMULATE AND CAUSE DEATH. DANGER! HARMFUL OR FATAL IF SWALLOWED. REPEATED OR PROLONGED BREATHING OF VAPOR OR CONTACT WITH SKIN MAY BE HARMFUL. KEEP OUT OF REACH OF CHILDREN.

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

HCC:F4

Boiling Pt:B.P. Text:371F-420F

Vapor Pres:0.75

Vapor Density:5.8

Spec Gravity:0.81

Evaporation Rate & Reference:0.04(N-B

UTYL ACETATE=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:COLORLESS LIQUID.

Percent Volatiles by Volume:99

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

Stability Indicator/Materials to Avoid:YES

MAY REACT WITH STRONG OXIDIZING AGENTS, SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OTHER HYDROCARBON COMPOUNDS DURING COMBUSTION.

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

Waste Disposal Methods:PLACE CONTAMINATED MATERIAL IN DISPOSABLE CONTAINERS AND DISPOSE OF IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS.

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