

CHEVRON CHEMICAL CO -- CHEVRON THINNER 410 -- 8010-00-637-6135  
===== Product Identification =====

Product ID:CHEVRON THINNER 410  
MSDS Date:08/02/1989  
FSC:8010  
NIIN:00-637-6135  
MSDS Number: BSYKD  
=== Responsible Party ===  
Company Name:CHEVRON CHEMICAL CO  
Address:940 HENSLEY ST  
City:RICHMOND  
State:CA  
ZIP:94804  
Country:US  
Info Phone Num:510-231-8100  
Emergency Phone Num:800-457-2022  
CAGE:7L865

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

Ingred Name:NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chro

nic: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 CARCINOGENI

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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 =====

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 =====

Flash Point Method:TCC

Flash Point:140F,60C

Lower Limits:1.0

Upper Limits:6.0

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

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

POR WHICH CAN SPREAD EASILY & BE IGNITED REMOTELY  
BY IGNITION SOURCES WITH EXPLOSIVE VIOLENCE.

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

Spill Release Procedures:MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE,  
OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR:  
DIKE & CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SHUT OFF  
LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT.

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

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Handling and Storage Precautions:STORE IN A COOL, VENTILATED WORK AREA.  
KEEP CONTAINERS CLOSED WHEN NOT IN USE. COMBUSTIBLE LIQUID; EMPTY  
CONTAINERS CAN BE HAZARDOUS.

Other Precautions:THE SELECTION OF PERSONAL PROTECTIVE EQUIPMENT SHOULD  
BE MADE BY THE MATERIAL USER BASED ON THE PARTICULAR CONDITIONS  
WHERE THE MATERIAL IS TO BE USED TOGETHER WITH INFORMATION  
CONTAINED IN THIS MSDS.

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

Respiratory Protection:US

USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED  
OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED.

Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED. AVOID OPEN  
ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

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

WASH SKIN AFTER USING P

RODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK  
AREA.

Supplemental Safety and Health

NONE

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

HCC:F4

Boiling Pt:B.P. Text:371F,188C

Vapor Pres:0.75

Vapor Density:5.8

Spec Gravity:0.81

Evaporation Rate & Reference:0.04(N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID, KEROSENE-LIKE ODOR

Percent Volatiles by Volume:99

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

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Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

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

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