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Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	CHEVRON HYDRAULIC OIL AW ISO 22, 32, 46, 68
National Stock Number	9150PCPS255673
CAGE Code	<u>QAHD1</u>
Part Number Indicator	A
MSDS Number	187706
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	CHEVRON
Street	555 MARKET ST
City	SAN FRANCISCO
State	CA
Country	US
Zip Code	94105
Emergency Phone	800-424-9300 CHEMTREC
Information Phone	800-414-MSDS

MSDS Preparer's Information

Date MSDS Prepared/Revised	02APR99
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Active Indicator Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	PALE YELLOW LIQUID
Boiling Point	NA
Melting Point	NA
Vapor Pressure	NA
Vapor Density	NDA
Specific Gravity	.88
Decomposition Temperature	NA
Evaporation Rate	NA
Solubility in Water	INSOLUBLE IN WATER
Percent Volatiles by Volume	NA
Chemical pH	NDA
Corrosion Rate	NA
Container Type	E
Container Pressure Code	1
Temperature Code	4
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point	302
Flash Point Method	COC
Lower Explosion Limit	NA
Upper Explosion Limit	NA
Extinguishing Media	CO2, DRY CHEMICAL, FOAM AND WATER FOG
Special Fire Fighting Procedures	THIS MATERIAL WILL BURN ALTHOUGH IT IS NOT EASILY IGNITED
Unusual Fire/Explosion Hazards	NORMAL COMBUSTION FORMS CARBON DIOXIDE AND WATER VAPOR; INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	NO DATA AVAIL
Materials to Avoid	MAY REACT WITH STRONG OXIDIZING AGENTS, SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC
Hazardous Decomposition Products	NDA
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	NONE

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	[EYE] IRRITATION [SKIN] IRRITATION [INGEST] NOT EXPECTED TO BE HARMFUL IF SWALLOWED [INHAL] MAY CAUSE RESPIRATORY IRRITATION
Carcinogenity: NTP	NA
Carcinogenity: IARC	NA
Carcinogenity: OSHA	NA
Explanation of Carcinogenity	NONE
Symptoms of Overexposure	SEE ABOVE
Medical Cond. Aggrevated by Exposure	NONE
Emergency/First Aid Procedures	[EYE] FLUSH WITH WATER [SKIN] USE WTERLESS HAND CLEANER, MINERAL OIL, OR PETROLEUM JELLY TO REMOVE THE MATERIAL. THEN WASH SKIN WITH SOAP AND WATER. WASH OR CLEAN CONTAMINATED CLOTHING AND SHOES BEFORE REUSE [INGEST] NOT EXPECTED TO BE HARMFUL IF SWALLOWED. DO NOT INDUCE VOMITING. GIVE GLASS OF WATER. GET MED ADVICE. [INHAL] IF EXPOSED TO EXCESSIVE LEVELS OF MATERIAL IN THE AIR, MOVE THE EXPOSED PERSON TO FRESH AIR. GET MEDICAL ATTENTION IF COUGHING OR RESPIRATORY DISCOMFORT OCCURS

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	USE ABSOBENTS TO CLEAN SPILLS AND CONTAIN TO PREVENT SPREADING. STOP THE SOURCE OF LEAK OR SPILLAGE
Neutralizing Agent	NONE
Waste Disposal Method	IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS
Handling and Storage Precautions	DO NOT USE IN HIGH PRESSURE SYSTEMS IN THE VICINITY OF FLAME, SPARK AND HOT SURFACES. USE IN WELL VENTILATED AREA. KEEP CONTAINER CLOSED
Other Precautions	DO NOT WELD OR DRILL CONTAINER. REPLACE CAP. EMPTIED CONTAINER STILL HAZARDOUS AND MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED. DO NOT USE PRESSURE TO EMPTY DRUM OR IT MAY EXPOLDE

SECTION VIII - Control Measures

Respiratory Protection	NONE REQUIRED
Ventilation	LOCAL EXHAUST SUGGESTED

Protective Gloves	NONE REQUIRED
Eye Protection	SUGGESTED BUT NOT REQUIRED
Other Protective Equipment	NONE
Work Hygenic Practices	WASH WITH SOAP AND WATER AFTER USE AND BEFORE SMOKING OR EATING
Supplemental Health/Safety Data	NONE

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	NO
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	NO TARGET ORGANS LISTED FOR CHRONIC EXPOSURES

SECTION X - Transportation Data

Container Quantity	55
Unit of Measure	GL

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	.1585
Volatile Organic Compounds (G/L)	19

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	LUBRICATING BASE OIL SEVERLY REFINED PETROLEUM DISTILLATE (>98%)
CAS Number	64741884
Proprietary	NO
Percent	98
OSHA PEL	5 MG/M3
ACGIH TLV	10 MG/M3
Ingredient #	02
Ingredient Name	(ZNC PD) ZINC ALKYL DITHIOPHOSPHATE (<1%)
CAS Number	68649423
Proprietary	NO
Percent	1
OSHA PEL	NONE
ACGIH TLV	NA

