

**MSDS DATA SHEET**

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DISPLAY MATERIAL SAFETY DATA SHEET 13:04:38

SCREEN QA06 KEY 0000940269,0000000018

FID#: 00331177 VER-DT: 04/22/99

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SECTION 01: CHEMICAL PRODUCT & COMPANY ID  
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PRODUCT PRIMARY NAME: AMOCO RYKON PREMIUM GREASE NO. 2

SAFE USE CATEGORY AND DESCRIPTION: 38 -OILS AND LUBRICANTS

LAST UPDATED DATE: 1999-04-22

MANUFACTURER'S ID (MID): 000555595  
MANUFACTURER'S NAME: CHEVRON PRODUCTS COMPANY  
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 800-231-0623  
US 703-527-3887  
MANUFACTURER'S MAILING ADDRESS:  
CONSUMERS PRODUCTS TEAM  
555 MARKET STREET RM 803  
US

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SECTION 02: COMPOSITION & INGREDIENT INFO  
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CAS#	FORMULATION	W/V	CHEMICAL NAME
064742547	> 80.0000/ 0.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES
*			, HYDROTREATED (severe) HEAVY PARA
*			FFINIC
989922746	< 0.0000/ 5.0000%	W	ADDITIVES
989982125	< 0.0000/ 15.0000%	W	POLYUREA THICKENER

SECTION 2 - OTHER INFORMATION: 989922746 INCLUDES THE FOLLOWING: SODIUM NITRITE. PREPARED ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

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PRIMARY ENTRY ROUTE INDICATORS:  
SKIN PRIMARY ENTRY ROUTE INDICATOR = Y  
EYE PRIMARY ENTRY ROUTE INDICATOR = Y  
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y  
INGESTION PRIMARY ENTRY ROUTE INDICATOR = Y

EFFECTS OF OVEREXPOSURE - SKIN: IMMEDIATE HEALTH EFFECTS: CONTACT WITH THE SKIN IS NOT EXPECTED TO CAUSE PROLONGED OR SIGNIFICANT IRRITATION. NOT EXPECTED TO BE HARMFUL TO INTERNAL ORGANS IF ABSORBED THROUGH THE SKIN. HIGH-PRESSURE EQUIPMENT INFORMATION: ACCIDENTAL HIGH-VELOCITY INJECTION UNDER THE SKIN OF MATERIALS OF THIS TYPE MAY RESULT IN SERIOUS INJURY. SEEK MEDICAL ATTENTION AT ONCE SHOULD AN ACCIDENT LIKE THIS OCCUR. THE INITIAL WOUND AT THE INJECTION SITE MAY NOT APPEAR TO BE SERIOUS AT FIRST; BUT, IF LEFT UNTREATED, COULD RESULT IN DISFIGUREMENT OR AMPUTATION OF THE AFFECTED PART. TO CAUSE PROLONGED OR SIGNIFICANT EYE IRRITATION.  
EFFECTS OF OVEREXPOSURE - INHALATION: IMMEDIATE HEALTH EFFECTS: NOT EXPECTED TO BE HARMFUL IF INHALED. CONTAINS A PETROLEUM-BASED MINERAL OIL. MAY CAUSE RESPIRATORY IRRITATION OR OTHER PULMONARY EFFECTS

FOLLOWING PROLONGED OR REPEATED INHALATION OF OIL MIST AT AIRBORNE LEVELS ABOVE THE RECOMMENDED MINERAL OIL MIST EXPOSURE LIMIT. EFFECTS OF OVEREXPOSURE - INGESTION: IMMEDIATE HEALTH EFFECTS: IF SWALLOWED, THIS SUBSTANCE IS CONSIDERED PRACTICALLY NON-TOXIC TO INTERNAL ORGANS.

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SECTION 04: FIRST AID MEASURES  
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EMERGENCY FIRST AID PROCEDURES - SKIN: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED BECAUSE THIS MATERIAL IS NOT EXPECTED TO BE HARMFUL IF IT CONTACTS THE SKIN. AS A PRECAUTION, REMOVE CLOTHING AND SHOES IF JELLY TO REMOVE THE MATERIAL. THEN WASH SKIN WITH SOAP AND WATER. WASH OR CLEAN CONTAMINATED CLOTHING AND SHOES BEFORE REUSE.

EMERGENCY FIRST AID PROCEDURES - EYES: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED BECAUSE THIS MATERIAL IS NOT EXPECTED TO CAUSE EYE IRRITATION. AS A PRECAUTION REMOVE CONTACT LENSES, IF WORN, AND FLUSH EYES WITH WATER.

EMERGENCY FIRST AID PROCEDURES - INHALATION: 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.

EMERGENCY FIRST AID PROCEDURES - INGESTION: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED BECAUSE THIS MATERIAL IS NOT EXPECTED TO BE HARMFUL IF SWALLOWED. DO NOT INDUCE VOMITING. AS A PRECAUTION, GIVE THE PERSON A GLASS OF WATER OR MILK TO DRINK AND GET MEDICAL ADVICE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

NOTES TO PHYSICIAN: IN AN ACCIDENT INVOLVING HIGH-PRESSURE EQUIPMENT, RESULT IN A SMALL, SOMETIMES BLOODLESS, PUNCTURE WOUND. HOWEVER, BECAUSE OF ITS DRIVING FORCE, MATERIAL INJECTED INTO A FINGERTIP CAN BE DEPOSITED INTO THE PALM OF THE HAND. WITHIN 24 HOURS, THERE IS USUALLY A GREAT DEAL OF SWELLING, DISCOLORATION, AND INTENSE THROBBING PAIN. IMMEDIATE TREATMENT AT A SURGICAL EMERGENCY CENTER IS RECOMMENDED.

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SECTION 05: FIRE-FIGHTING MEASURES  
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SPECIAL FIRE FIGHTING PROCEDURES: THIS MATERIAL WILL BURN ALTHOUGH IT IS NOT EASILY IGNITED. EXTINGUISHING MEDIA: CO<sub>2</sub>, DRY CHEMICAL, FOAM AND WATER FOG.

HMIS CODES:

HMIS REACTIVITY CODE =	0
HMIS HEALTH CODE =	1
HMIS FLAMMABILITY CODE =	1
NFPA FLAMMABILITY CODE =	1
NFPA HEALTH CODE =	1
NFPA REACTIVITY CODE =	0

AUTO-IGNITION TEXT: NO DATA AVAILABLE.

FLASH POINT METHOD TEXT: NO DATA AVAILABLE.

SECTION 5 - OTHER INFORMATION: FIRE CLASSIFICATION: CLASSIFICATION (29 CFR 1910.1200): NOT CLASSIFIED BY OSHA AS FLAMMABLE OR COMBUSTIBLE. FLAMMABILITY LIMITS (% BY VOLUME IN AIR): LOWER: NOT APPLICABLE, UPPER: NOT APPLICABLE. COMBUSTION PRODUCTS: NORMAL COMBUSTION FORMS CARBON DIOXIDE, WATER VAPOR AND MAY PRODUCE OXIDES OF NITROGEN. INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

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SPILL OR LEAK PROCEDURES: CLEAN UP SPILLS IMMEDIATELY, OBSERVING

PRECAUTIONS IN EXPOSURE CONTROLS/PERSONAL PROTECTION SECTION 8.  
CHEMTREC EMERGENCY NUMBER (24 HR): (800)424-9300 OR (703)527-3887  
INTERNATIONAL COLLECT CALLS ACCEPTED.

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SECTION 07: HANDLING AND STORAGE  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: CONTAINER IS NOT DESIGNED TO CONTAIN PRESSURE. DO NOT USE PRESSURE TO EMPTY CONTAINER OR IT MAY RUPTURE WITH EXPLOSIVE FORCE. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE (SOLID, LIQUID, AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. EMPTY RETURNED TO A DRUM RECONDITIONER, OR PROPERLY DISPOSED OF. AVOID CONTAMINATING SOIL OR RELEASING THIS MATERIAL INTO SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER.

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SECTION 08: EXPOSURE CONTROLS - PROTECTION  
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EYE PROTECTION: NO SPECIAL EYE PROTECTION IS NORMALLY REQUIRED.

SKIN PROTECTION: NO SPECIAL PROTECTIVE CLOTHING IS NORMALLY NECESSARY.

RESPIRATORY PROTECTION: NO RESPIRATORY PROTECTION IS NORMALLY REQUIRED. IF USER OPERATIONS GENERATE AN OIL MIST, DETERMINE IF AIRBORNE CONCENTRATIONS ARE BELOW THE RECOMMENDED MINERAL OIL MIST EXPOSURE LIMITS. IF NOT WEAR A NIOSH APPROVED RESPIRATOR THAT PROVIDES ADEQUATE PROTECTION FROM MEASURED CONCENTRATIONS OF THIS MATERIAL. USE THE

PERSONAL PROTECTIVE EQUIPMENT: GENERAL CONSIDERATIONS: CONSIDER THE POTENTIAL HAZARDS OF THIS MATERIAL (SEE SECTION 3), APPLICABLE EXPOSURE LIMITS, JOB ACTIVITIES, AND OTHER SUBSTANCES IN THE WORK PLACE WHEN DESIGNING ENGINEERING CONTROLS AND SELECTING PERSONAL PROTECTIVE EQUIPMENT. IF ENGINEERING CONTROLS OR WORK PRACTICES ARE NOT ADEQUATE PREVENT EXPOSURE TO HARMFUL LEVELS OF THIS MATERIAL, THE PERSONAL PROTECTIVE EQUIPMENT LISTED IS RECOMMENDED. THE USER SHOULD READ AND UNDERSTAND ALL INSTRUCTIONS AND LIMITATIONS SUPPLIED WITH THE EQUIPMENT SINCE PROTECTION IS USUALLY PROVIDED FOR A LIMITED TIME OR UNDER CERTAIN CIRCUMSTANCES.

ENGINEERING CONTROLS: USE IN A WELL-VENTILATED AREA. IF USER OPERATIONS GENERATE AN OIL MIST, USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS BELOW THE RECOMMENDED MINERAL OIL MIST EXPOSURE LIMITS.

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SECTION 09: PHYSICAL & CHEMICAL PROPERTIES  
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BOILING POINT TEXT: NO DATA AVAILABLE.

MELTING/FREEZE POINT TEXT: NO DATA AVAILABLE.

SPECIFIC GRAVITY TEXT: NO DATA AVAILABLE.

DENSITY TEXT: NO DATA AVAILABLE.

VAPOR DENSITY TEXT: (AIR=1): NOT APPLICABLE.

VAPOR PRESSURE TEXT: NO DATA AVAILABLE.

EVAPORATION RATE TEXT: NOT APPLICABLE.

SOLUBILITY IN WATER TEXT: SOLUBLE IN HYDROCARBON SOLVENTS; INSOLUBLE IN WATER.

PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: NO DATA AVAILABLE.

APPEARANCE: RED GREASE.

VISCOSITY TEXT: 90-125 CST AT 40C (OIL)

PHYSICAL STATE: PAS

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#### SECTION 10: STABILITY & REACTIVITY

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STABILITY INDICATOR: Y

STABILITY - TEXT: CONDITIONS TO AVOID: NO DATA AVAILABLE.  
AGENTS, SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.

HAZARDOUS DECOMPOSITION PRODUCTS: NO DATA AVAILABLE.

HAZARDOUS POLYMERIZATION INDICATOR: N

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#### SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL DATA UNLIMITED TEXT: THIS PRODUCT CONTAINS PETROLEUM BASE OILS WHICH MAY BE REFINED BY VARIOUS PROCESSES INCLUDING SEVERE SOLVENT EXTRACTION, SEVERE HYDROCRACKING, OR SEVERE HYDROTREATING. NONE OF THE OILS REQUIRES A CANCER WARNING UNDER THE OSHA HAZARD COMMUNICATION STANDARD (CFR 1910.1200). THESE OILS HAVE NOT BEEN LISTED IN THE NATIONAL TOXICOLOGY PROGRAM (NTP) ANNUAL REPORT NOR HAVE THEY BEEN CLASSIFIED BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) (GROUP 2A), OR POSSIBLY CARCINOGENIC TO HUMANS (GROUP 2B). EYE EFFECTS: THE EYE IRRITATION HAZARD IS BASED ON DATA FOR A SIMILAR MATERIAL. SKIN EFFECTS: THE SKIN IRRITATION HAZARD IS BASED ON DATA FOR A SIMILAR MATERIAL. ACUTE ORAL EFFECTS: THE ACUTE ORAL TOXICITY IS BASED ON DATA FOR A SIMILAR MATERIAL. ACUTE INHALATION EFFECTS: THE ACUTE RESPIRATORY TOXICITY IS BASED ON DATA FOR A SIMILAR MATERIAL.

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#### SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: ECOTOXICITY: NO DATA AVAILABLE. ENVIRONMENTAL FATE: THIS MATERIAL IS NOT EXPECTED TO BE READILY BIODEGRADABLE.

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#### SECTION 13: DISPOSAL CONSIDERATIONS

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OIL RECYCLING OR DISPOSAL. PLACE CONTAMINATED MATERIALS IN CONTAINERS AND DISPOSE OF IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS. CONTACT YOUR SALES REPRESENTATIVE OR LOCAL ENVIRONMENTAL OR HEALTH AUTHORITIES FOR APPROVED DISPOSAL OR RECYCLING METHODS.

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#### SECTION 14: TRANSPORT INFORMATION

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DOT INFORMATION: DOT SHIPPING NAME, DOT HAZARD CLASS AND DOT IDENTIFICATION NUMBER: NONE, DOT PACKING GROUP: NOT APPLICABLE, ADDITIONAL INFO: PETROLEUM LUBRICATING GREASE: NOT HAZARDOUS BY US DOT.

SECTION 14 - OTHER INFORMATION: THE DESCRIPTION SHOWN MAY NOT APPLY TO ALL SHIPPING SITUATIONS. CONSULT 49 CFR, OR APPROPRIATE DANGEROUS GOODS

REGULATIONS, FOR ADDITIONAL DESCRIPTION REQUIREMENTS (E.G., TECHNICAL NAME) AND MODE-SPECIFIC OR QUANTITY-SPECIFIC SHIPPING REQUIREMENTS.

TDG CLASSIFICATION: NON-REGULATED  
TDG SHIPPING NAME: N/R  
TDG UN NUMBER: N/R  
TDG HAZARD CLASS: N/R  
TDG PACKING GROUP: N/R

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SECTION 15: REGULATORY INFORMATION  
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SARA 311/312 HAZARD INDICATORS:  
IMMEDIATE HEALTH INDICATOR = N  
DELAYED HEALTH INDICATOR = N  
FIRE INDICATOR = N  
SUDDEN PRESSURE RELEASE INDICATOR = N  
REACTIVITY INDICATOR = N

OF THIS MATERIAL ARE ON THE TOXIC SUBSTANCES CONTROL ACT CHEMICAL SUBSTANCES INVENTORY. THE FOLLOWING COMPONENTS OF THIS MATERIAL ARE FOUND ON THE REGULATORY LISTS INDICATED. DISTILLATES, HYDROTREATED HEAVY PARAFFINIC: ACGIH TIME WEIGHTED AVERAGE, ACGIH SHORT-TERM EXPOSURE LIMIT AND OSHA PERMISSIBLE EXPOSURE LIMIT. SODIUM NITRATE: SARA 313, MASS RTK, PA RTK, NJ RTK, CERCLA 302.4 AND CANADIAN WHMIS. EU RISK AND SAFETY LABEL PHRASES: MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. NEW JERSEY RTK CLASSIFICATION: UNDER THE NEW JERSEY RIGHT-TO-KNOW ACT L. 1983 CHAPTER 315 N.J.S.A. 34:5A-1 ET. SEQ., THE PRODUCT IS TO BE IDENTIFIED AS FOLLOWS: PETROLEUM OIL (GREASE). WHMIS CLASSIFICATION: THIS PRODUCT IS NOT CONSIDERED A CONTROLLED PRODUCT ACCORDING TO THE CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS.

\*\*\* END OF DATA SHEET \*\*\*