

MSDS DATA SHEET

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DISPLAY MATERIAL SAFETY DATA SHEET 15:29:05

SCREEN QA06__ KEY 0000941090,0000000018_____

FID#: 00224185 VER-DT: 01/01/01

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: GOODWRENCH 15W-40

PLANT SYNONYMS: GOODWRENCH 15W-40

- > INFILREX 281G SAE 15W-40
- > MOTOR OIL - SAE 15W-40 CG-4, CF-4, CF-2, CF/SH
- > RN 4072 BBD-1
- > SAE 15W-40 CG-4, CF-4, CF-2, CF/SH
- > 12345634
- > 12345635
- > 12345636
- > 12345637
- > 12345638
- > 12345639
- > 15W-40
- > 88901073
- > 88901074
- > 88901590

SAFE USE CATEGORY AND DESCRIPTION: 04 -METAL WORKING FLUIDS AND LUBRICANTS

LAST UPDATED DATE: 2001-01-01

MANUFACTURER'S ID (MID): 000533232
 MANUFACTURER'S NAME: EXXONMOBIL OIL CORP.
 MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 609-737-4411
 US 800-662-4525 EXT 0003
 MANUFACTURER'S MAILING ADDRESS:
 P.O. BOX 1031
 SEE MC82, ALL US MSDS USE THIS
 US

SECTION 1 - OTHER INFORMATION: CHEMICAL NAMES AND SYNONYMS: SEVERE TREAT MIN. OILS AND ADDITIVES. EMERGENCY RESPONSE DATA: BROWN LIQUID. DOT ERG NO.: NOT APPLICABLE. USE: COMMERCIAL ENGINE OIL.

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
064741884	R 5.0000/ 15.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES
*			, SOLVENT-REFINED (severe) HEAVY P
*			ARAFFINIC
064742547	R 1.0000/ 8.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES
*			, HYDROTREATED (severe) HEAVY PARA
*			FFINIC
*			dewaxed
072623860	R 65.0000/ 75.0000%	W	Lubricating oils, petroleum, C15-3
*			0, hydrotreated neutral oil-based

SECTION 2 - OTHER INFORMATION: U.S. OSHA HAZARD COMMUNICATION STANDARD: PRODUCT ASSESSED IN ACCORDANCE WITH OSHA 29 CFR 1910.1200 AND DETERMINED NOT TO BE HAZARDOUS. NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

SECTION 03: HAZARDS IDENTIFICATION

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
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NOT YET DETERMINED.

ADDITIONAL HEALTH HAZARD DATA: COMPOSITION/INFORMATION ON INGREDIENTS: THESE INGREDIENTS ARE NOT HAZARDOUS TO HEALTH AS DEFINED BY THE EUROPEAN UNION DANGEROUS SUBSTANCES/PREPARATIONS DIRECTIVES. SEE SECTION 15 FOR A REGULATORY ANALYSIS OF THE INGREDIENTS. EFFECTS OF OVEREXPOSURE: NO SIGNIFICANT EFFECTS EXPECTED.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: CONTACT: WASH CONTACT AREAS WITH SOAP AND WATER.
EMERGENCY FIRST AID PROCEDURES - EYES: CONTACT: FLUSH THOROUGHLY WITH WATER. IF IRRITATION OCCURS, CALL A PHYSICIAN.
EMERGENCY FIRST AID PROCEDURES - INHALATION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF GREATER THAN 1/2 LITER (PINT) INGESTED, SEEK MEDICAL ATTENTION.

SECTION 05: FIRE-FIGHTING MEASURES

SPECIAL FIRE FIGHTING PROCEDURES: EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG. SPECIAL FIRE FIGHTING PROCEDURES: WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURE. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS, SEWERS, OR DRINKING WATER SUPPLY. SPECIAL PROTECTIVE EQUIPMENT: FOR FIRES IN ENCLOSED AREAS, FIRE FIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.

NONE.

NFPA CODES:

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

AUTO-IGNITION TEXT: AUTO FLAMMABILITY: NOT ESTABLISHED.

FLASH POINT TEMPS: > 215.00C/ 419.00F
FLASH POINT METHOD TEXT: ASTM D-92.

SECTION 5 - OTHER INFORMATION: FLAMMABLE LIMITS: LEL AND UEL: NOT APPLICABLE. FLAMMABILITY: NOT ESTABLISHED. EXPLOSIVE PROPERTIES: NOT APPLICABLE.

SPILL OR LEAK PROCEDURES: NOTIFICATION PROCEDURES: REPORT SPILLS AS

REQUIRED TO APPROPRIATE AUTHORITIES. U.S. COAST GUARD REGULATIONS REQUIRE IMMEDIATE REPORTING OF SPILLS THAT COULD REACH ANY WATERWAY INCLUDING INTERMITTENT DRY CREEKS. REPORT SPILL TO COAST GUARD TOLL FREE NUMBER (800) 424-8802. IN CASE OF ACCIDENT OR ROAD SPILL NOTIFY CHEMTREC (800) 424-9300. PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: ADSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL. ENVIRONMENTAL PRECAUTIONS: PREVENT SPILLS FROM ENTERING STORM SEWERS OR DRAINS AND CONTACT WITH SOIL. PERSONAL PRECAUTIONS: SEE SECTION 8.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: HANDLING: NO SPECIAL PRECAUTIONS ARE NECESSARY BEYOND NORMAL GOOD HYGIENE PRACTICES. SEE SECTION 8 FOR ADDITIONAL PERSONAL PROTECTION ADVICE WHEN HANDLING THIS PRODUCT. STORAGE: DO NOT STORE IN OPEN OR UNLABELLED CONTAINERS. STORE AWAY FROM STRONG OXIDIZING AGENTS OR COMBUSTIBLE MATERIAL.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: NORMAL INDUSTRIAL EYE PROTECTION PRACTICES SHOULD BE EMPLOYED.

SKIN PROTECTION: NO SPECIAL EQUIPMENT REQUIRED.

RESPIRATORY PROTECTION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.
ENGINEERING CONTROLS: VENTILATION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

WORKPLACE/HYGIENIC PRACTICES: GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.

PROTECTIVE GLOVES (SPECIFY TYPE): PLEASE CONTACT LOCAL HEALTH AND SAFETY REPRESENTATIVES FOR APPROPRIATE GLOVE TYPE FOR YOUR SPECIFIC USE.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

VOLATILE ORGANIC COMPOUND: 0.00LB/GAL
THEORETICAL VOC: 0.00 BY W

MELTING/FREEZE POINT TEXT: MELTING POINT: NOT APPLICABLE. FREEZING POINT: NOT ESTABLISHED.

POUR POINT TEMPS: < - 27.00C/- 16.00F

SPECIFIC GRAVITY VALUES: = 0.8660
SPECIFIC GRAVITY TEXT: RELATIVE DENSITY, 15/4 C.

VAPOR DENSITY TEXT: NOT ESTABLISHED.

VAPOR PRESSURE TEXT: <0.1 MMHG AT 20 C.

EVAPORATION RATE TEXT: NOT ESTABLISHED.

SOLUBILITY IN WATER TEXT: NEGLIGIBLE.

PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: NOT APPLICABLE.

APPEARANCE: BROWN LIQUID.

ODOR: MILD ODOR. ODOR THRESHOLD-PPM: NOT ESTABLISHED.

VISCOSITY TEXT: VISCOSITY AT 40 C, CST: 105.8. VISCOSITY AT 100 C, CST: 15.0.

PHYSICAL STATE: LIQ

SECTION 9 - OTHER INFORMATION: TYPICAL PHYSICAL PROPERTIES ARE GIVEN. CONSULT PRODUCT DATA SHEET FOR SPECIFIC DETAILS. PARTITION COEFFICIENT: >3.5. VOLATILE ORGANIC COMPOUND: NOT APPLICABLE. FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE.

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - TEXT: (THERMAL, LIGHT, ETC). CONDITIONS TO AVOID: EXTREME HEAT. INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS. OXIDIZING PROPERTIES: NOT APPLICABLE.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, METAL OXIDES, ELEMENTAL OXIDES.

HAZARDOUS POLYMERIZATION INDICATOR: N

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA UNLIMITED TEXT: ACUTE TOXICOLOGY: ORAL TOXICITY TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. DERMAL TOXICITY (RABBITS): PRACTICALLY NON-TOXIC. (LD50: GREATER THAN 2000 MG/KG). BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. INHALATION TOXICITY (RATS): PRACTICALLY NON-TOXIC (LC50: GREATER THAN 5 MG/L). BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. EYE IRRITATION (RABBITS): PRACTICALLY NON-IRRITATING. (DRAIZE SCORE: GREATER THAN 6 BUT 15 OR LESS). BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. SKIN IRRITATION (RABBITS): PRACTICALLY NON-IRRITATING. (PRIMARY IRRITATION INDEX: GREATER THAN 0.5 BUT LESS THAN 3). BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. SUBCHRONIC TOXICOLOGY (SUMMARY): SEVERELY SOLVENT REFINED AND SEVERELY HYDROTREATED MINERAL BASE OILS HAVE BEEN TESTED AT MOBIL ENVIRONMENTAL AND HEALTH SCIENCES LABORATORY BY DERMAL APPLICATION TO RATS 5 DAYS/WEEK FOR 90 DAYS AT DOSES SIGNIFICANTLY HIGHER THAN THOSE EXPECTED DURING NORMAL INDUSTRIAL EXPOSURE. EXTENSIVE EVALUATIONS INCLUDING MICROSCOPIC EXAMINATION OF INTERNAL ORGANS AND CLINICAL CHEMISTRY OF

CARCINOGENICITY: CHRONIC TOXICOLOGY (SUMMARY): THE BASE OILS IN THIS PRODUCT ARE SEVERELY SOLVENT REFINED AND/OR SEVERELY HYDROTREATED. CHRONIC MOUSE SKIN PAINTING STUDIES OF SEVERELY TREATED OILS SHOWED NO EVIDENCE OF CARCINOGENIC EFFECTS. THESE RESULTS ARE CONFIRMED ON A CONTINUING BASIS USING VARIOUS SCREENING METHODS SUCH AS THE MOBIL MODIFIED AMES TEST AND IP-346. OTHER TOXICOLOGY DATA: USED GASOLINE ENGINE OILS HAVE SHOWN EVIDENCE OF SKIN CARCINOGENIC ACTIVITY IN LABORATORY TESTS WHEN NO EFFORT WAS MADE TO WASH THE OIL OFF BETWEEN APPLICATIONS. USED OIL FROM DIESEL ENGINES DID NOT PRODUCE THIS EFFECT.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: ENVIRONMENTAL FATE AND EFFECTS: NOT ESTABLISHED.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: PRODUCT IS SUITABLE FOR BURNING IN AN ENCLOSED, CONTROLLED BURNER FOR FUEL VALUE OR DISPOSAL BY SUPERVISED INCINERATION. SUCH BURNING MAY BE LIMITED PURSUANT TO THE RESOURCE CONSERVATION AND RECOVERY ACT. IN ADDITION, THE PRODUCT IS SUITABLE FOR PROCESSING BY AN APPROVED RECYCLING FACILITY OR CAN BE DISPOSED OF AT AN APPROPRIATE GOVERNMENT WASTE DISPOSAL FACILITY. USE OF THESE METHODS IS SUBJECT TO USER COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS AND CONSIDERATION OF PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: USA DOT: NOT REGULATED BY USA DOT. DOT ERG NO.: NOT

SECTION 14 - OTHER INFORMATION: RID/ADR: NOT REGULATED BY RID/ADR. IMO: NOT REGULATED BY IMO. IATA: NOT REGULATED BY IATA.

SECTION 15: REGULATORY INFORMATION

SARA 311/312 HAZARD INDICATORS:

IMMEDIATE HEALTH INDICATOR =	N
DELAYED HEALTH INDICATOR =	N

SECTION 15 - OTHER INFORMATION: COMPOSITION/INFORMATION ON INGREDIENTS: THESE INGREDIENTS ARE NOT HAZARDOUS TO HEALTH AS DEFINED BY THE EUROPEAN UNION DANGEROUS SUBSTANCES/PREPARATIONS DIRECTIVES. GOVERNMENTAL INVENTORY STATUS: ALL COMPONENTS COMPLY WITH TSCA, EINECS/ELINCS, AICS, MITI, AND DSL. EU LABELING: EU LABELING NOT REQUIRED. U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) SARA (311/312) REPORTABLE HAZARD CATEGORIES: NONE. THIS PRODUCT CONTAINS NO CHEMICALS SUBJECT TO THE SUPPLIER NOTIFICATION REQUIREMENTS OF SARA (313) TOXIC RELEASE PROGRAM. THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW: ZINC (ELEMENTAL ANALYSIS) (0.13%) (7440-66-6), CHLORINE (ELEMENTAL ANALYSIS) (<0.02%) (7782-50-5) ARE LISTED ON THE MI 293 LIST.

SECTION 16: OTHER INFORMATION

RCRA HAZARDOUS WASTE NUMBER TEXT: PRODUCT IS SUITABLE FOR BURNING IN AN ENCLOSED, CONTROLLED BURNER FOR FUEL VALUE OR DISPOSAL BY SUPERVISED INCINERATION. SUCH BURNING MAY BE LIMITED PURSUANT TO THE RESOURCE CONSERVATION AND RECOVERY ACT. RCRA INFORMATION: THE UNUSED PRODUCT, IN OUR OPINION, IS NOT SPECIFICALLY LISTED BY THE EPA AS A HAZARDOUS WASTE (40 CFR, PART 261D), NOR IS IT FORMULATED TO CONTAIN MATERIALS WHICH CHARACTERISTICS OF IGNITABILITY, CORROSIVITY, OR REACTIVITY AND IS NOT FORMULATED WITH CONTAMINANTS AS DETERMINED BY THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP). HOWEVER, USED PRODUCT MAY BE REGULATED.

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