

MSDS DATA SHEET

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SCREEN QA06__ KEY 0000941087,0000000018_____

FID#: 00223987 VER-DT: 07/18/89

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: INFILREX 149G SAE 30
PLANT SYNONYMS: GOODWRENCH MOTOR OIL SAE 30

- > MOTOR OIL - SAE 30 CF, CF-2/SH
- > 12345625
- > 12345626
- > 12345627
- > 12345628
- > 12345629
- > 12345630

MSDS SIGNED BY NAME: MOBIL OIL CORPORATION
MSDS SIGNED BY TITLE: ENVIRONMENTAL AFFAIRS AND TOXICOLOGY DEPARTMENT

LUBRICANTS

LAST UPDATED DATE: 1990-01-25

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
PRINCETON NJ 08540
US

CHEMICAL FAMILY NAME: PETROLEUM HYDROCARBONS AND ADDITIVES

| CAS# | FORMULATION | W/V | CHEMICAL NAME |
|-----------|--------------------|-----|--|
| 061789864 | < 0.0000/ 2.0000% | W | Sulfonic acids, petroleum, calcium salts |
| 063148629 | < 0.0000/ 1.0000% | W | SF-96 |
| 064742547 | < 0.0000/ 90.0000% | W | MINERAL OIL, PETROLEUM DISTILLATES , HYDROTREATED (severe) HEAVY PARA FFINIC |
| 064742627 | < 0.0000/ 90.0000% | W | Residual oils, petroleum, solvent-dewaxed |
| 064742650 | < 0.0000/ 90.0000% | W | SOLVENT-DEWAXED HEAVY PARAFFINIC D ISTILLATE |
| 068457794 | = 1.6300/ 0.0000% | W | Zinc dialkyl dithiophosphate |
| 068649423 | = 1.1800/ 0.0000% | W | Dialkyl(C1-C14)dithiophosphoric ac id, zinc salt |
| 989941085 | < 0.0000/ 5.0000% | W | ALKYL AMIDES |
| 989944955 | < 0.0000/ 1.0000% | W | ACRYLATE POLYMERS |
| 989947878 | < 0.0000/ 1.0000% | W | SULFURIZED ALKYL PHENOLS |

THRESHOLD LIMIT VALUE: 5.00 MG/M3 SUGGESTED FOR OIL MIST

CERCLA (SUPERFUND) REPORTABLE QUANTITY (LBS): ENVIRONMENTAL IMPACT: 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.

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = Y
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y
INGESTION PRIMARY ENTRY ROUTE INDICATOR = Y
PRIMARY ROUTES OF ENTRY TEXT: EYE, SKIN, INHALATION, INGESTION

EFFECTS OF OVEREXPOSURE: INCLUDES AGGRAVATED MEDICAL CONDITIONS, IF ESTABLISHED: SLIGHT EYE IRRITATION. SLIGHT SKIN IRRITATION.

ADDITIONAL HEALTH HAZARD DATA: TOXICOLOGICAL DATA - ACUTE TOXICOLOGY: ORAL TOXICITY (RATS): LD50: >5G/KG SLIGHTLY TOXIC (ESTIMATED). BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. DERMAL TOXICITY (RABBITS): LD50: >2G/KG SLIGHTLY TOXIC (ESTIMATED). BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS. INHALATION TOXICITY (RATS): NOT APPLICABLE. HARMFUL CONCENTRATIONS OF MISTS AND/OR VAPORS ARE UNLIKELY TO BE ENCOUNTERED THROUGH ANY CUSTOMARY OR REASONABLY FORESEEABLE HANDLING, USE, OR MISUSE OF THIS PRODUCT. EYE IRRITATION (RABBITS): MAY CAUSE SLIGHT IRRITATION. BASED ON TESTING OF SIMILAR PRODUCTS AND/OR ON PROLONGED OR REPEATED CONTACT. 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 BODY FLUIDS, SHOWED NO ADVERSE EFFECTS. CHRONIC TOXICOLOGY (SUMMARY): THE BASE OILS IN THIS PRODUCT ARE SEVERELY SOLVENT REFINED AND/OR SEVERELY HYDROTREATED. TWO YEAR MOUSE SKIN PAINTING STUDIES OF SIMILAR OILS SHOWED NO EVIDENCE OF CARCINOGENIC EFFECTS. OTHER TOXICOLOGY DATA: STUDIES HAVE SHOWN THAT MICE DEVELOPED SKIN CANCER AFTER REPEATED APPLICATION OF USED GASOLINE ENGINE OIL TO THE SKIN FOR THE LIFETIME OF THE ANIMALS. NO EFFORT WAS MADE TO WASH THE OIL OFF BETWEEN APPLICATIONS. USED OIL FROM DIESEL ENGINES DID NOT PRODUCE THIS EFFECT. BECAUSE OF OTHER EFFECTS OBSERVED IN THE LABORATORY REGULARLY HANDLE USED MOTOR OIL SHOULD TAKE PRECAUTIONS TO MINIMIZE CONTACT WITH THE OIL. GOOD PERSONAL HYGIENE PRACTICES, INCLUDING WASHING ANY SKIN CONTACT AREAS AND REMOVING OIL SOAKED CLOTHING, SHOULD BE FOLLOWED. THIS PRODUCT CONTAINS THE FOLLOWING SARA (313) TOXIC RELEASE CHEMICALS: ZINC DIALKYL DITHIOPHOSPHATE (#68457794) = 1.29%.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - GENERAL: EYE CONTACT: FLUSH WITH WATER. SKIN CONTACT: WASH CONTACT AREAS WITH SOAP AND WATER. INHALATION: NOT EXPECTED TO BE A PROBLEM. INGESTION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF GREATER THAN 1/2 LITER (PINT) INGESTED, IMMEDIATELY GIVE 1 TO 2 GLASSES OF WATER AND CALL A PHYSICIAN, HOSPITAL EMERGENCY ROOM OR POISON CONTROL CENTER FOR ASSISTANCE. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 05: FIRE-FIGHTING MEASURES

FLAMMABLE LEL: 0.60
FLAMMABLE UEL: 7.00

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. FOR FIRES IN ENCLOSED AREAS, FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS OR DRINKING WATER SUPPLY.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE. NFPA HAZARD ID: HEALTH=0;

NFPA CODES:

NFPA FLAMMABILITY CODE = 1

NFPA HEALTH CODE = 2

NFPA REACTIVITY CODE = 1

FLASH POINT TEMPS: > 221.00C/ 430.00F

FLASH POINT TEXT: >430F/221C (ASTM D-92)

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: ADSORB ON FIRE RETARDANT 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.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: NO SPECIAL PRECAUTIONS REQUIRED.

SECTION 7 - OTHER INFORMATION: NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

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

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

SECTION 8 - OTHER INFORMATION: VENTILATION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

PROTECTIVE GLOVES (SPECIFY TYPE): NO SPECIAL EQUIPMENT REQUIRED. HOWEVER, GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEMPS: > 315.00C/ 600.00F

BOILING POINT TEXT: >600F (316C). POUR POINT: -25F (-32C). MELTING POINT: NA (NOT APPLICABLE).

SPECIFIC GRAVITY VALUES: = 0.8900

SPECIFIC GRAVITY TEXT: =0.89 @15/4C

VAPOR PRESSURE TEXT: < .1 MM HG @ 20C.

SOLUBILITY IN WATER TEXT: NEGLIGIBLE

PH OF PRODUCT IN SOLUTION WITH WATER/TEXT: NA

APPEARANCE: ASTM 7.5 LIQUID. MILD ODOR. VISCOSITY @ 100F, SUS: 576.0; @ 40C, CS: 110.12. VISCOSITY @ 210F, SUS: 68.0; @ 100C, CS: 12.0.

PHYSICAL STATE: LIQ

PHYSICAL STATE TEXT: LIQUID

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - TEXT: YES

INCOMPATIBLE MATERIALS: STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, METAL OXIDES, NITROGEN OXIDES, SULFUR OXIDES.

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION TEXT: NO

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 PROCESSING BY AN APPROVED RECYCLING FACILITY OR CA BE DISPOSED OF AT ANY GOVERNMENT APPROVED 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 16: OTHER INFORMATION

RCRA HAZARDOUS WASTE NUMBER TEXT: THE UNUSED PRODUCT, IN MOBILS OPINION, IS NOT SPECIFICALLY LISTED BY THE EPA AS A HAZARDOUS WASTE (40CFR, PART 261D); DOES NOT EXHIBIT THE HAZARDOUS CHARACTERISTICS OF IGNITABILITY, CORROSIVITY, OR REACTIVITY, AND IS NOT FORMULATED WITH THE METALS CITED IN THE EP TOXICITY TEST. HOWEVER, USED PRODUCT MAY BE REGULATED.

