

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MOBIL SAFETY DATA SHEET 75009
 4. 4Z71
 606202-00
 MOBIL OIL CORPORATION MATERIAL SAFETY DATA BULLETIN
 REVISED:06/21/93

I. PRODUCT IDENTIFICATION
 MOBIL RARUS 427
 SUPPLIER: MOBIL OIL CORP. 24-HOUR EMERGENCY (CALL COLLECT): (809) 737-4411
 CHEMICAL NAMES AND SYNONYMS: CHEMTREC (800) 424-9300
 P.E.T. HYDROCARBONS AND ADDITIVES (800) 424-9300
 USE OR DESCRIPTION: PRODUCT AND MSDS INFORMATION:
 COMPRESSOR OIL (800) 662-4525

II. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES
 APPEARANCE: Amber Liquid ODOR: Mild PH: NA
 VISCOSITY AT 40 C, CS: 95.7
 VISCOSITY AT 100 C, CS: 11.3
 FLASH POINT F(C): > 450 (232) (ASTM D-92)
 MELTING POINT F(C): NA
 POUR POINT F(C): 20 (-7)
 BOILING POINT F(C): > 600 (316)
 VOC: < 5.00 (wt. %); 0.367 lbs/gal
 RELATIVE DENSITY, 15/4 C: 0.88
 SOLUBILITY IN WATER: Negligible
 VAPOR PRESSURE-mm Hg 20C: < 0.1

NA=Not Applicable NE=Not Established D=Decomposes
 FOR FURTHER INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE.

III. POTENTIALLY HAZARDOUS INGREDIENTS
 None

SEE SECTIONS XII AND XIII FOR REGULATORY AND FURTHER
 COMPOSITIONAL DATA.

IV. HEALTH HAZARD DATA
 --- INCLUDES AGGRAVATED MEDICAL CONDITIONS, IF ESTABLISHED ---
 THRESHOLD LIMIT VALUE: 5.00 MG/M3 Suggested for Oil Mist
 EFFECTS OF OVEREXPOSURE: No significant effects expected.

V. EMERGENCY AND FIRST AID PROCEDURES
 --- FOR PRIMARY ROUTES OF ENTRY ---
 EYE CONTACT:
 Flush thoroughly with water. If irritation occurs, call a
 physician.
 SKIN CONTACT:
 Wash contact areas with soap and water.
 INHALATION:
 Remove from further exposure. If respiratory irritation,
 dizziness, nausea, or unconsciousness occurs, seek
 immediate medical assistance and call a physician. If
 breathing has stopped, use mouth to mouth resuscitation.
 I.C.M.:
 expected to be a problem. However, if greater than 1/2
 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.

VI. FIRE AND EXPLOSION HAZARD DATA
 FLASH POINT F(C): > 450 (232) (ASTM D-92)
 FLAMMABLE LIMITS, LEL: 0.6% UEL: 7.8%
 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, sewers, or drinking water supply.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None.
 NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

VII. REACTIVITY DATA
 STABILITY (Thermal, Light, etc.): Stable
 CONDITIONS TO AVOID: Extreme heat.
 INCOMPATIBILITY (Materials to Avoid): Strong oxidizers
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide.
 HAZARDOUS POLYMERIZATION: Will not occur.

VIII. SPILL OR LEAK PROCEDURE
 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. 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 in appropriate
 waste disposal facility in accordance with current
 applicable laws and regulations, and product
 characteristics at time of disposal.
 WASTE MANAGEMENT:
 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 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.

SPECIAL PROTECTION INFORMATION
 PROTECTION: Normal industrial eye protection practices
 to be employed.
 PROTECTION: No special equipment required. However, good
 personal hygiene practices should always be followed.
 RESPIRATORY PROTECTION: No special requirements under ordinary
 conditions of use and with adequate ventilation.
 VENTILATION: Use in well ventilated area.

X. SPECIAL PRECAUTIONS

HANDLING: This material is not intended for use in air
 compressors for breathing applications.

XI. TOXICOLOGICAL DATA
 --- ACUTE TOXICOLOGY ---
 ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than
 2000 mg/kg). --- Based on 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): Not established.
 EYE IRRITATION (RABBITS): Practically non-irritating. (Draize
 score: 0 or greater but 6 or less). ---Based on testing of
 similar products and/or the components.
 SKIN IRRITATION (RABBITS): Practically non-irritating.
 (Primary Irritation Index: 0.5 or less). ---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. Chronic mouse skin painting
 studies of severely treated oils showed no evidence of
 carcinogenic effects.

XII. REGULATORY INFORMATION
 GOVERNMENTAL INVENTORY STATUS: All components comply with TSCA
 and EINECS/ELINCS.
 Transport Information: Please see Section XIV.

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in
 accordance with OSHA 29 CFR 1910.1200 and determined not to
 be hazardous.
 RCRA INFORMATION: The unused product, in our opinion, is not
 specifically listed by the EPA as a hazardous waste (40
 CFR, Part 261.0), nor is it formulated to contain materials
 which are listed hazardous wastes. It does not exhibit the
 hazardous 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.
 U.S. Superfund Amendments and Reauthorization Act (SARA) TITLE
 III:
 This product contains no "EXTREMELY HAZARDOUS SUBSTANCES".
 SARA (311/312 -FORMERLY 302) REPORTABLE HAZARD CATEGORIES: NONE
 This product contains no chemicals reportable under SARA (313)
 toxic release program.

THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:
 CHEMICAL NAME CAS NUMBER LIST CITATIONS
 NO REPORTABLE INGREDIENTS

--- REGULATORY LISTS SEARCHED ---
 1-ACGIH ALL 6-IARC 1 11-TSCA 4 17-CA P65 22-MI 293
 2-ACGIH AL 7-IARC 2A 12-TSCA 5a 18-CA RTK 23-MI RTK
 3-ACGIH A2 8-IARC 2B 13-TSCA 5e 19-FL RTK 24-NJ RTK
 4-NTP CARC 9-OSHA CARC 14-TSCA 6 20-IL RTK 25-PA RTK
 5-NTP SUS 10-OSHA Z 15-TSCA 12b 21-LA RTK 26-RI RTK

CARC = CARCINOGEN; SUS = SUSPECTED CARCINOGEN
 NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBs.

XIII. INGREDIENTS
 INGREDIENT DESCRIPTION PERCENT CAS NUMBER
 CONTAINS THE FOLLOWING BASE OIL: > 95.00
 DISTILLATES (PETROLEUM), HYDROTREATED 64742-54-7
 HEAVY PARAFFINIC
 ALKYL AMIDES < 3.00 NJT 800967-50959

XIV. TRANSPORT AND LABEL INFORMATION
 USA DOT: NOT REGULATED BY USA DOT.
 IMO: NOT REGULATED BY IMO.
 IATA: NOT REGULATED BY IATA.

APPENDIX
 FOR MOBIL USE ONLY: MHC: 1* 1* NE 0* 0*, MPPEC: A, PPEC:,
 US93-256
 APPROVE CCODE:13 04/22/93 REQ: US - MARKETING

 INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE,
 BUT WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE
 PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF
 USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE
 EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE,
 INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
 PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE
 PRODUCT. NOTHING IS INTENDED AS A RECOMMENDATION FOR USES WHICH
 INFRINGE VALID PATENTS OR AS EXTENDING LICENSE UNDER VALID
 PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING PROCEDURES
 SHOULD BE PROVIDED TO HANDLERS AND USERS.

PREPARED BY: MOBIL OIL CORPORATION
 ENVIRONMENTAL HEALTH AND SAFETY DEPARTMENT, PRINCETON, NJ
 FOR FURTHER INFORMATION, CONTACT:
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 3225 GALLOWAY ROAD, FAIRFAX, VA 22037 (800) 227-0707 X3265