

SIGMA CHEMICAL CO

-- MINERAL OIL, 4005

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MSDS Safety Information
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FSC: 6505
MSDS Date: 01/01/1999
MSDS Num: CJTSR
LIIN: 00N092628
Product ID: MINERAL OIL, 4005
MFN: 01
Responsible Party
Cage: 21076
Name: SIGMA CHEMICAL CO
Box: 14508
City: ST LOUIS MO 63178
Info Phone Number: 314-771-5765
Emergency Phone Number: 314-771-5765
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 21076
Name: SIGMA CHEMICAL COMPANY
Box: 14508
City: ST LOUIS MO 63178
Phone: 1-314-771-5765

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Ingredients
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Cas: 8042-47-5
RTECS #: PY8047000
Name: WHITE MINERAL OIL (PETROLEUM); (MINERAL OIL)

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: ACUTE EFFECTS: MAY BE HARMFUL BY INHALATION, INGESTION OR SKIN ABSORPTION. MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. CHRONIC EFFECTS: THIS PRODUCT IS OR C ONTAINS A COMPONENT THAT IS NOT CLASSIFIABLE AS TO ITS CARCINOGENICITY BASED ON ITS IARC, ACGIH, NTP OR EPA CLASSIFICATION. INGESTION OF LARGE DOSES WILL PRODUCE LAXATIVE EFTS AND MAY BE IRRITATING TO DIGESTIVE TRACT. ASPIRATION INTO LUNGS WILL CAUSE LIPID PNEUMONIA. TO THE BEST OF MANUFACTURER'S KNOWLEDGE THE CHEMICAL, PHYSICAL AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

Signs And Symptions Of Overexposure: SEE HEALTH HAZARDS.

First Aid: EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN: IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: IF

SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE.

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Handling and Disposal
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Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

Waste Disposal Methods: DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions: KEEP TIGHTLY CLOSED. STORE IN A COOL, DRY PLACE.

Other Precautions: AVOID INHALATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING.AVOID PROLONGED OR REPEATED EXPOSURE. WASH THOROUGHLY AFTERHANDLING.

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Fire and Explosion Hazard Information
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Extinguishing Media: WATER SPRAY. CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT(FP N) TO PREVENT CONTACT WITH SKIN AND EYES.

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Control Measures
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Respiratory Protection: NIOSH APPROVED RESPIRATOR.

Ventilation: MECHANICAL EXHAUST REQUIRED.

Protective Gloves: COMPATIBLE CHEMICAL-RESISTANT GLOVES.

Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: ANSI APPROVED EYE WASH AND DELUGE SHOWER (FP N).

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Physical/Chemical Properties
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Spec Gravity: 0.838

Appearance and Odor: LIQUID.

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Reactivity Data
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Stability Indicator: YES

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: TOXIC FUMES OF: CARBON MONOXIDE, CARBON DIOXIDE.

Hazardous Polymerization Indicator: NO

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Toxicological Information
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Toxicological Information: RTECS #: PY8047000. MINERAL OIL, WHITE. ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

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Ecological Information
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Ecological: DATA NOT YET AVAILABLE.

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MSDS Transport Information
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Transport Information: CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

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Regulatory Information
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Federal Regulatory Information: REVIEWS, STANDARDS AND REGULATIONS: OEL=MAK. IARC CANCER REVIEW: ANIMAL INADEQUATE EVIDENCE IMEMDT 33,87,1984. IARC CANCER REVIEW: GROUP 3 IMSUDL 7,252,1987. NOES 1983: HZD X5299; NIS 200; TNF 29566;NOS 139; TNE 633350; TFE 249735. NOES 198 3: HZD Y1079; NIS 36; TNF 3132; NOS 59; TNE 92890; TFE 61283. EPA TSCA SECTION 8(B) CHEMICAL INVENTORY. EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JUNE 1988.

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Other Information
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Other Information: HAZARDS IDENTIFICATION: DATA NOT AVAILABLE.

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HAZCOM Label
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Product ID: MINERAL OIL, 4005
Cage: 21076
Company Name: SIGMA CHEMICAL COMPANY
PO Box: 14508
City: ST LOUIS MO
Zipcode: 63178
Health Emergency Phone: 314-771-5765
Label Required IND: Y
Date Of Label Review: 11/24/1999
Status Code: A
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: ACUTE EFFECTS: MAY BE HARMFUL BY INHALATION, INGESTION OR SKIN ABSORPTION. MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. CHRONIC EFFECTS: THIS PRODUCT IS OR CONTAINS A COMPONENT THAT IS NOT CLASSIFIABLE AS TO ITS CARCINOGENICITY BASED ON ITS IARC, ACGIH, NTP OR EPA CLASSIFICATION. INGESTION OF LARGE DOSES WILL PRODUCE LAXATIVE EFFECTS AND MAY BE IRRITATING TO DIGESTIVE TRACT. ASPIRATION INTO LUNGS WILL CAUSE LIPID PNEUMONIA. TO THE BEST OF MANUFACTURER'S KNOWLEDGE THE CHEMICAL, PHYSICAL AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

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