

NALCO CHEMICAL COMPANY -- SC-431 -- 6850-01-415-0559

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Product Identification  
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Product ID:SC-431  
MSDS Date:10/25/2000  
FSC:6850  
NIIN:01-415-0559  
Status Code:A  
MSDS Number: CLCGW  
=== Responsible Party ===  
Company Name:NALCO CHEMICAL COMPANY  
Address:ONE NALCO CENTER  
City:NAPERVILLE  
State:IL  
ZIP:60563-1198  
Country:US  
Info Phone Num:(312) 981-9500  
Emergency Phone Num:(800) 462-5378 (800) I-M-ALERT  
CAGE:89524  
=== Contractor Identification ===  
Company Name:ONDEO NALCO COMPANY  
Address:ONDEO NALCO CENTER  
Box:City:NAPERVILLE  
State:IL  
ZIP:60563-1198  
Country:US  
Phone:(630) 305-1000  
Contract Num:SP0450-01-M-ZA42  
CAGE:89524

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Composition/Information on Ingredients  
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Ingred Name:HYDROTREATED HEAVY NAPHTHA  
CAS:64742-48-9  
Minumum % Wt:60.  
Maxumum % Wt:100.  
OSHA PEL:5 MG/M3 OIL MIST  
ACGIH TLV:5 MG/M3 OIL MIST

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50(RAT): >10,000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:HUMAN HEALTH HAZARDS-ACUTE: EYE-CAN CAUSE MILD IRRITATION. SKIN-CAN CAUSE MODERATE IRRITATION. INGESTION-NOT A LIKELY ROUTE OF EXPOSURE. MAY CAUSE NAUSEA AND VOMITING. CAN CAUSE CHEMICAL PNEUMONIA IF ASPIRATED INTO LUNGS FOLLOWING INGESTION. CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

INHALATION-REPEATED OR PROLONGED EXPOSURE MAY IRRITATE THE RESPIRATORY TRACT. HUMAN HEALTH HAZARDS-CHRONIC: NO ADVERSE EFFECTS EXPECTED OTHER THAN THOSE MENTIONED.

Explanation of Carcinogenicity:NONE OF THE SUBSTANCES IN THIS PRODUCT ARE LISTED AS CARCINOGENS BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC), THE NATIONAL TOXICOLOGY PROGRAM (NTP) OR THE AMERICAN CONFERENCE ON GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH).

Effects of Overexposure:ACUTE: INHALATION OF HIGH CONCENTRATIONS OF ORGANIC SOLVENTS CAN CAUSE NAUSEA, DIZZINESS, VOMITING, STUPOR OR UNCONSCIOUSNESS. CHRONIC: FREQUENT OR PROLONGED CONTACT WITH PRODUCT MAY DEFAT AND DRY THE SKIN, LEADING TO DISCOMFORT AND DERMATITIS.

Medical Cond Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS CONDITION.

===== First Aid Measures =====

First Aid:EYE: IMMEDIATELY FLUSH EYE WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:

IMMEDIATELY WASH WITH PLENTY OF SOAP & WATER. IF SYMPTOMS DEVELOP, SEEK MEDICAL ADVICE. INGESTION: DO NOT INDUCE VOMITING: CONTAINS PETROLEUM DISTILLATES AND/OR AROMATIC SOLVENTS. IF CONSCIOUS, WASHOUT MOUTH AND GIVE WATER TO DRINK. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR, TREAT SYMPTOMATICALLY. IF SYMPTOMS DEVELOP, SEEK MEDICAL ADVICE. NOTE TO PHYSICIAN: BASED ON THE INDIVIDUAL REACTION OF THE PATIENT, THE PHYSICIAN'S JUDGEMENT SHOULD BE USED TO CONTROL SYMPTOMS & CLINICAL CONDITION.

===== Fire Fighting Measures =====

Flash Point:=-40.C, 104.F

Autoignition Temp:=-292.8C, 559.F

Lower Limits:1.2V%

Upper Limits:9.6V%

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY POWDER, OTHER EXTINGUISHING AGENT SUITABLE FOR CLASS B FIRES. FOR LARGE FIRES, USE WATER SPRAY OR FOG, THOROUGHLY DRENCHING THE BURNING MATERIAL.

Fire Fighting Procedures:IN CASE OF FIRE

E, WEAR A FULL FACE

POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE SUIT. WATER MIST MAY BE USED TO COOL CLOSED CONTAINERS. DO NOT USE WATER UNLESS FLOODING AMOUNTS ARE AVAILABLE.

Unusual Fire/Explosion Hazard: COMBUSTIBLE LIQUID; MAY FORM COMBUSTIBLE MIXTURES AT OR ABOVE THE FLASH POINT. EMPTY PRODUCT CONTAINERS MAY CONTAIN PRODUCT RESIDUE. DO NOT PRESSURIZE, CUT, HEAT, WELD, OR EXPOSE CONTAINERS TO FLAME OR OTHER SOURCES OF IGNITION. MAY EVOLVE

OXIDES OF CARBON (COX) UNDER FIRE CONDITIONS.

===== Accidental Release Measures =====

Spill Release Procedures: SMALL SPILLS-SOAK UP SPILL WITH ABSORBENT MATERIAL. PLACE RESIDUES IN A SUITABLE, COVERED, PROPERLY LABELED CONTAINER. WASH AFFECTED AREA. LARGE SPILL-CONTAIN LIQUID USING ABSORBENT MATERIAL, BY DIGGING TRENCHES OR BY DIKING. RECLAIM INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK FOR PROPER DISPOSAL. CLEAN CONTAMINATED SURFACES WITH WATER OR AQUEOUS CLEANING AGENTS. "SEE OTHER INFORMATION"

===== Handling and Storage =====

Handling and Storage Precautions: USE WITH ADEQUATE VENTILATION. KEEP THE CONTAINERS CLOSED WHEN NOT IN USE. DO NOT USE IN LOCATIONS WHERE VAPOR IS LIKELY TO TRAVEL TO WELDING FLAMES OR ARCS OR TO OTHER HOT SURFACES. VAPORS ARE MUCH HEAVIER THAN AIR, THIS CAN RESULT IN UNEVEN DISTRIBUTION. DO NOT TAKE INTERNALLY.

Other Precautions: WASTE- HAZARDOUS WASTE MUST BE TRANSPORTED BY A LICENSED HAZARDOUS WASTE TRANSPORTER & DISPOSED OF OR TREATED IN A PROPERLY LABELED HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSAL/RECYCLING FACILITY. CONSULT LOCAL, STATE & FEDERAL REGS FOR SPECIFIC REQUIREMENT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: IF SIGNIFICANT MISTS, VAPORS OR AEROSOLS ARE GENERATED AN APPROVED RESPIRATOR IS RECOMMENDED. AN ORGANIC VAPOR CARTRIDGE WITH DUST/MIST PREFILTER OR

SUPPLIED AIR MAY BE USED. IN

EVENT OF EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS A POSITIVE PRESSURE, FULL-FACEPIECE SCBA SHOULD BE USED. INSTITUTE A COMPLETE RESPIRATORY PROTECTION PROGRAM.

Ventilation:USE GENERAL VENTILATION WITH LOCAL EXHAUST VENTILATION.

Protective Gloves:NITRILE GLOVES, VITON GLOVES, POLYVINYL ALCOHOL GLOVES.

Eye Protection:WEAR CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:WEAR IMPERVIOUS APRON AND BOOTS. KEEP AN EYE WASH FOUNTAIN AVA

ILABLE. KEEP A SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:IF CLOTHING IS CONTAMINATED, REMOVE CLOTHING AND THOROUGHLY WASH THE AFFECTED AREA. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

Supplemental Safety and Health

HANDLING- DO NOT BREATHE VAPORS/GASES/DUST. HAVE EMERGENCY EQUIPMENT READILY AVAILABLE. STORE-STORE AWAY FROM HEAT & IGNITION SOURCES. STORE SEPERATELY FROM OXIDIZERS. STORE CONTAINERS TIGHTLY CLOSED. USE PROPER GR

OUNDING PROCEDURES. HAVE APPROPRIATE FIRE EXTINGUISHERS NEARBY.

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===== Physical/Chemical Properties =====

HCC:F4

Melt/Freeze Pt:10,000 MG/KG, TESTED

SUBSTANCE-PRODUCT. RATING: NON-HAZARDOUS. ACUTE DERMAL TOXICITY: SPECIES LD50 >3,160 MG/KG, TEST SUBS TANCE-PRODUCT. RATING: NON-HAZARDOUS. SENSITIZATION: THIS PRODUCT IS NOT EXPECTED TO BE A SENSITIZER. HUMAN HAZARD CHARACTERIZATION: BASED ON OUR HAZARD CHARACTERIZATION, THE POTENTIAL HUMAN HAZARD IS : MODERATE.

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===== Ecological Information =====

Ecological:ECOTOXICOLOGICAL EFFECTS: SPECIES: FATHEAD MINNOW. EXPOSURE: 96 HOURS. LC50: 5,000 MG/L. TESTED SUBSTANCE: PRODUCT. RATING: ESSENTIALLY NON-TOXIC. ENVIRONMENTAL HAZARD AND EXPOSURE CHARACTERIZATION: B ASED ON OUR HAZARD CHARACTERIZATION, THE POTENTIAL ENVIRONMENTAL HAZARD IS: MODERATE. IF RELEASED INTO THE ENVIRONMENT, SEE CERCLA/SUPERFUND.

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===== Disposal Considerations =====

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Waste Disposal Methods:IF THIS PRODUCT BECOMES A WASTE, IT COULD MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED BY THE RCRA 40 CFR 261. BEFORE DISPOSAL, IT SHOULD BE DETERMINED IF THE WASTE MEETS THE CRITERIA. HAZARDOUS WASTE: D001, D018. "SEE OTHER PRECAUTIONS"

===== MSDS Transport Information =====

Transport Information:LAND: PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S. TECHNICAL NAME(S): PETROLEUM HYDROCARBONS.

UN/ID NO: 1268. HAZARD CLASS-PRIMARY: 3. PACKING GROUP: III. FLASH POINT: 40C/104F. AIR (ICAO/IATA) : PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S. TECHNICAL NAME(S): PETROLEUM HYDROCARBONS.

UN/ID NO: 1268. HAZARD CLASS-PRIMARY: 3. PACKING GROUP: III. IATA CARGO PACKING INSTRUCTIONS: 310. IATA CARGO AIRCRAFT LIMIT: 220L (MAX NET QUANTITY/PACKAGE). MARINE IMDG/IMO). PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S. TECHNICAL NAME(S): PETROLEUM HYD

ROCARBONS. UN/ID NO: 1268. HAZARD CLASS- PRIMARY: 3. PACKING GROUP: III.

===== Regulatory Information =====

SARA Title III Information:CERCLA/SUPERFUND, 40 CFR 117, 302:

NOTIFICATION OF SPILL OF THIS PRODUCT IS NOT REQUIRED.

SARA/SUPERFUND AMENDMENTS & REAUTHORIZATION ACT OF 1986 (TITLE III)-SECTION 302, 311, 312, & 313: SECTION 302- EXTREMELY HAZARDOUS SUBSTANCES(40 CFR 355): THIS PRODUCT DOES NOT CONTAIN SUBSTANCES LISTED IN APPENDIX

A & B AS AN EXTREMELY HAZARDOUS SUBSTANCES.

SECTION 311 & 312: (X) IMMEDIATE (ACUTE) HEALTH HAZARD, (X) FIRE HAZARD. UNDER SARA 311 & 312: 500 LBS OR TPQ, WHICH EVER IS LOWER, FOR EXTREMELY HAZARDOUS SUBSTANCES & 10,000 LBS FOR ALL OTHER HAZARDOUS CHEMICALS. THIS PRODUCT DOES NOT CONTAIN SUBSTANCES ON THE LIST OF TOXIC CHEMICALS.

Federal Regulatory Information:HYDROTREATED HEAVY NAPHTHA: COMBUSTIBLE.

TSCA: THIS CHEMICAL SUBSTANCES IN THIS PRODUCT ARE ON THE TSCA 8(B)

INVENTORY (40 CFR 710). FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 401.15/ FORMERLY SEC. 307, 40 CFR/FORMERLY SEC. 311: NONE OF THE SUBSTANCES ARE SPECIFICALLY LISTED IN THE REGULATION. CLEAN AIR ACT, SEC. 111: NONE OF THE SUBSTANCES ARE SPECIFICALLY LISTED IN THE REGULATION .

State Regulatory Information: CALIFORNIA PROPOSITION 65: THIS PRODUCT DOES NOT CONTAIN SUBSTANCES WHICH REQUIRE WARNING UNDER CALIFORNIA PROPOSITION 65. MICHIGAN CRITICAL MATERIALS : NONE OF THE SUBSTANCES ARE SPECIFICALLY LISTED IN THE REGULATION. STATE RIGHT TO KNOW LAWS: NONE OF THE SUBSTANCES ARE SPECIFICALLY LISTED IN THE REGULATION.

===== Other Information =====

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