

NALCO 6001 COLLOIDAL SILICA DISPERSION

MSDS Number

BKVJT

National Stock Number

6810-00F017269

Product Name

NALCO 6001 COLLOIDAL SILICA DISPERSION

Manufacturer

NALCO CHEMICAL COMPANY

Product Identification

Product ID:NALCO 6001 COLLOIDAL SILICA DISPERSION

MSDS Date:12/08/1989

FSC:6810

NIIN:00F017269

MSDS Number: BKVJT

Responsible Party

NALCO CHEMICAL COMPANY

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NAPERVILLE , IL 60566-1024

Emergency Phone: (708) 920-1510

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Preparer: RICKY A. STACKHOUSE

Cage: 89524

Contractor

ONDEO NALCO COMPANY

NAPERVILLE, IL 60563-1198

US

(630) 305-1000

Cage: 89524

Ingredients

SILICON DIOXIDE

CAS: 7631-86-9

RTECS: VV3100000

Fraction By Weight: 20-40%

OSHA PEL80 MG/CUM

Hazards

LD50 LC50 Mixture:ORAL RATS LD50: >34,000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE: TRANSIENT TO MODERATE IRRITATION.

SKIN: IRRITATION. INHALATION: IRRITATION TO THE RESPIRATORY TRACT,

LUNG INJURY, & PNEUMOCONIOSIS. INGESTION: HARMFUL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: TRANSIENT TO MODERATE IRRITATION. SKIN:

IRRITATION. INHALATION: RESPIRATORY TRACT IRRITATION, LUNG INJURY,

& PNEUMOCONIOSIS. INGESTION: HARMFUL. PHYSICIAN NOTE: NO SPECIFIC

ANTIDOTE KNOWN. BASE D ON INDIVIDUAL REACTIONS OF PATIENT, USE

PHYSICIAN'S JUDGEMENT TO CONTROL SYMPTOMS/CLINICAL CONDITION.
Medical Cond Aggravated by Exposure:EMPHYSEMA, ASTHMA OR OTHER LUNG DISORDERS.

First Aid

First Aid:EYES/SKIN: FLUSH W/WATER FOR 15 MINS. INGESTION: DON'T INDUCE VOMITING. GIVE WATER. INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMS. OBTAIN MEDICAL ATTENTION IN ALL CASES. CAUTION: IF UNCONSCIOUS, HAV ING TROUBLE BREATHING OR IN CONVULSIONS, DON'T INDUCE VOMITING OR GIVE WATER.

Fire Fighting

Flash Point:NONE

Accidental Release

Spill Release Procedures:CONTAIN W/ABSORBENT MATERIAL, SUCH AS CLAY, SOIL OR ANY COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID/ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL. ENTRY INTO LARGE TANKS, VESSELS OR ENCLOSED SMALL SPACES W/SCBA IS RECOMMENDED.

Handling

Handling and Storage Precautions:AVOID REPEATED OR PROLONGED BREATHING OF SPRAY MIST OR DUSTS. KEEP CONTAINER CLOSED WHEN NOT IN USE. USE W/ADEQUATE VENTILATION. KEEP FROM FREEZING.
Other Precautions:EMPTY CONTAINERS MAY CONTAIN RESIDUAL PRODUCT. DON'T REUSE CONTAINER UNLESS PROPERLY RECONDITIONED. CONTACT W/STRONG ACIDS MAY GENERATE HEAT, CAUSE SPLATTERING OR BOILING & RELEASE TOXIC FUMES.

Exposure Controls

Respiratory Protection:RESPIRATORY PROTECTION ISN'T NORMALLY NEEDED SINCE THE VOLATILITY & TOXICITY ARE LOW. IF SIGNIFICANT VAPORS, MISTS OR AEROSOLS ARE GENERATED, WEAR A NIOSH APPROVED OR EQUIVALENT RESPIRATOR.
Ventilation:MECHANICAL: RECOMMENDED
Protective Gloves:IMPERMEABLE
Eye Protection:GOGGLES
Other Protective Equipment:SHOES
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

Chemical Properties

Spec Gravity:1.2
pH:10.2
Solubility in Water:COMPLETE
Appearance and Odor:MILKY WHITE LIQUID; SLIGHT ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS SUCH AS SULFURIC, PHOSPHORIC, NITRIC, HYDROCHLORIC, CHROMIC, SULFONIC & REACTIVE MATERIALS SUCH AS ALUMINUM
Stability Condition to Avoid:HEAT, FREEZING; Hazardous Decomposition Products:TOXIC FUMES, FLAMMABLE HYDROGEN GAS.

Disposal

Waste Disposal Methods:SOLIDIFY NON HAZARDOUS LIQUID WASTE W/STABILIZING AGENTS (SAND/FLY ASH/CEMENT) & INDUSTRIAL LANDFILL OR DEEP-WELL INJECTED IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. IF PRODUCT BECOMES A WAS TE, IT DOESN'T MEET RCRA CRITERIA.

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