

## **NALCOAG 1130 COLLOIDAL SILICA**

### **MSDS Number**

BKVJG

### **National Stock Number**

6810-00F017258

### **Product Name**

NALCOAG 1130 COLLOIDAL SILICA

### **Manufacturer**

NALCO CHEMICAL COMPANY

### **Product Identification**

Product ID:NALCOAG 1130 COLLOIDAL SILICA

MSDS Date:07/12/1989

FSC:6810

NIIN:00F017258

MSDS Number: BKVJG

### **Responsible Party**

NALCO CHEMICAL COMPANY

1 NALCO CENTER

NAPERVILLE , IL 60566-1024

Emergency Phone: (708) 920-1510

Info Phone: (708) 305-1000

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 ALBINO RATS LD50: >10,000 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:EYES/SKIN: IRRITATION. INHALATION:

IRRITATION TO THE RESPIRATORY TRACT, LUNG INJURY, HARMFUL, &

PNEUMOCONIOSIS. INGESTION: HARMFUL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES/SKIN: IRRITATION. INHALATION: RESPIRATORY TRACT IRRITATION, LUNG INJURY, HARMFUL, & PNEUMOCONIOSIS.

INGESTION: HARMFUL. NOTE TO PHYS: NO SPECIFIC ANTIDOTE IS KNOWN.

BASED ON THE INDIVIDUAL REACTI ONS OF THE PATIENT, THE PHYSICIAN'S

JUDGEMENT SHOULD BE USED 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:1.21  
pH:10  
Solubility in Water:COMPLETE  
Appearance and Odor:WHITE TRANSLUCENT LIQUID W/NO ODOR.

## Stability

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

## 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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