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## **S0275 SOLN BATCH H-2 TOTAL HA**

### **MSDS Number**

BBDKC

### **National Stock Number**

6850-00D000821

### **Product Name**

S0275 SOLN BATCH H-2 TOTAL HA

### **Manufacturer**

NALCO CHEMICAL COMPANY

### **Product Identification**

Product ID: S0275 SOLN BATCH H-2 TOTAL HA

MSDS Date: 11/05/1990

FSC: 6850

NIIN: 00D000821

MSDS Number: BBDKC

### **Responsible Party**

NALCO CHEMICAL COMPANY

ONE NALCO CENTER

NAPERVILLE, IL 60563-1198

US

Emergency Phone: 708-920-1510(24 HOURS)

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**

ETHANOLAMINE

CAS: 141-43-5

RTECS: KJ5775000

Fraction By Weight: 10-20%

OSHA PEL3 PPM

ACGIH TLV: 3 PPM/6 STEL; 9394

MONOETHANOLAMINE HYDROCHLORIDE

CAS: 2002-24-6

RTECS: KJ6370000

TRIETHANOLEAMINE HYDROCHLORIDE



CAS: 637-39-8

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EXPOSURE MAY CAUSE MODERATE TO SEVERE EYE, SKIN & RESPIRATORY TRACT IRRITATION. INGESTION MAY BE HARMFUL. CHRONIC: NONE SPECIFIED BY MANUFACTURER.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:INHALED: COUGHING, WHEEZING, SHORTNESS OF BREATH, SNEEZING, TIGHTNESS OF CHEST. EYES: PAIN, BURNING SENSATION, TEARING, BLURRED VISION, REDNESS. SKIN: REDNESS, BURNING SENSATION, SWELLING, DISCOMFORT TO PAIN. INGESTION: NONE SPECIFIED BY MANUFACTURER; HMIS-UNKNOWN-SUSPECT: NAUSEA, VOMITING, DIARRHERA AS A MINIMUM.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:INHALED: REMOVE TO FRESH AIR. TREAT SYMPTOMS. SEE A DOCTOR.  
EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES. FLUSH WITH FLOODING AMOUNTS OF WATER. INGESTED: DO NOT INDUCE VOMITING! IF CONSCIOUS, GIVE WATER. GET IMMEDIATE MEDICAL ATTENTION.

## Fire Fighting

Flash Point Method:PMCC  
Flash Point:>200F,>93C  
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINERS.  
Unusual Fire/Explosion Hazard:MAY EVOLVE OXIDES OF NITROGEN UNDER FIRE CONDITIONS.

## Accidental Release

Spill Release Procedures:CONTAIN WITH INERT ABSORBENT MATERIAL. SHOVEL RECLAIMED LIQUID AND ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED.  
Ventilation:USE ADEQUATE MECHANICAL VENTILATION.  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER. HMIS: EYE WASH STATION & SAFETY SHOWER AVAILABLE.  
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.  
Supplemental Safety and Health  
MSDS DATED 1-24-86.

## Chemical Properties

HCC:B3  
Spec Gravity:0.95 (WATER=1)  
pH:10  
Appearance and Odor:COLORLESS LIQUID; AMINE ODOR

## Stability

Stability Indicator/Materials to Avoid:YES  
N-NITROSAMINES, STRONG OXIDIZING AGENTS



Stability Condition to Avoid: CONTACT WITH INCOMPATIBLE MATERIALS.  
Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE,  
OXIDES OF NITROGEN MAY BE FORMED DURING COMBUSTION.

## **Disposal**

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. MANUFACTURER STATES PRODUCT IS NOT A HAZARDOUS  
WASTE AS DEFINED IN 40 CFR 261 (RCRA); IT IS NOT LISTED UNDER  
SUBART C OR D.

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