

## **2827 NALCO COOLING TREATMENT**

### **MSDS Number**

BKFXT

### **National Stock Number**

6850-00F016185

### **Product Name**

2827 NALCO COOLING TREATMENT

### **Manufacturer**

NALCO CHEMICAL COMPANY

### **Product Identification**

Product ID:2827 NALCO COOLING TREATMENT

MSDS Date:11/11/1989

FSC:6850

NIIN:00F016185

MSDS Number: BKFXT

### **Responsible Party**

NALCO CHEMICAL COMPANY

ONE NALCO CENTER

NAPERVILLE , IL 60566-1024

Emergency Phone: (708) 961-9500 OR (708) 920-1510

Info Phone: (708) 961-9500

Cage: 89524

### **Contractor**

ONDEO NALCO COMPANY

NAPERVILLE, IL 60563-1198

US

(630) 305-1000

Cage: 89524

### **Ingredients**

PHOSPHONATES

SUBSTITUTED CARBOXYLATE

TRACER

1,H-BENZOTRIAZOLE (4 OR 5) METHYL SODIUM SALT

CAS: 64665-57-2

Fraction By Weight: 1-5%

SUBSTITUTED TRIAZOLE

### **Hazards**

LD50 LC50 Mixture:ORAL RATS LD50: 5,000 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:SKIN/EYES/INGESTION: IRRITATION.  
INHALATION: BREATHING DIFFICULTY OR CONVULSIONS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:SKIN/EYES/INGESTION: IRRITATION. INHALATION:  
BREATHING DIFFICULTY OR CONVULSIONS.

## First Aid

First Aid:EYES/SKIN: FLUSH W/WATER FOR 15 MINS. INGESTION: IF  
CONSCIOUS/BREATHING DIFFICULTY/CONVULSIONS, DON'T INDUCE VOMITING  
OR GIVE WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL  
ATTENTION IN ALL CA SES. NOTE TO PHYSICIAN: THE  
PHYSICIAN'S JUDGEMENT IS BASED ON THE INDIVIDUAL'S REACTIONS TO  
CONTROL THE SYMPTOMS/CLINICAL CONDITION. NO SPECIFIC ANTIDOTE IS  
KNOWN.

## Fire Fighting

Flash Point Method:PMCC  
Flash Point:>200F  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS IN  
PRESSURE DEMAND.

## Accidental Release

Spill Release Procedures:CONTAIN W/ABSORBENT MATERIAL, SUCH AS  
CLAY/SOIL/COMMERCIALLY AVAILABLE ABSORBENT. DIKE TO PREVENT FURTHER  
MOVEMENT OR SHOVEL RECLAIMED LIQUID/ABSORBENT INTO RECOVERY,  
SALVAGE DRUMS OR TANK TRUCK FOR DISPOSAL. WEAR PROTECTIVE  
EQUIPMENT.

## Handling

Handling and Storage Precautions:DON'T GET IN EYES, ON SKIN OR ON  
CLOTHING. DON'T TAKE INTERNALLY. EMPTY CONTAINERS MAY CONTAIN  
RESIDUAL PRODUCT. DON'T BREATHE SMOKE OR FUMES.  
Other Precautions:DON'T REUSE CONTAINER UNLESS PROPERLY RECONDITIONED.  
AVOID CONTACT W/STRONG ACIDS. WEAR PROTECTIVE EQUIPMENT WHEN  
ATTACHING FEEDING EQUIPMENT, DOING MAINTENANCE, OR HANDLING  
PRODUCT.

## Exposure Controls

Respiratory Protection:IF SIGNIFICANT MISTS/AEROSOLS ARE GENERATED,  
WEAR NIOSH APPROVED/EQUIVALENT RESPIRATOR. IF ENTERING LARGE  
TANKS/VESSELS/ENCLOSED SPACES W/INADEQUATE VENTILATION. WEAR SCBA  
IN PRESSURE DEMAND.  
Ventilation:GENERAL VENTILATION IS RECOMMENDED  
Protective Gloves:IMPERMEABLE  
Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD  
Other Protective Equipment:SHOES & SUITABLE PROTECTIVE EQUIPMENT  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE. WASH HANDS THOROUGHLY.  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:212F  
Melt/Freeze Pt:M.P/F.P Text:24F  
Spec Gravity:1.14  
pH:13  
Appearance and Odor:CLEAR BRIGHT YELLOW/ORANGE LIQUID

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS SUCH AS SULFURIC, PHOSPHORIC, NITRIC, HYDROCHLORIC,  
CHROMIC & SULFONIC ACIDS  
Stability Condition to Avoid:HEAT & SPLATTERING  
Hazardous Decomposition Products:TOXIC FUMES, CO, CO2 & NITROGEN OXIDES

## Disposal

Waste Disposal Methods:SOLIDIFY W/STABILIZING AGENTS SUCH AS SAND/FLY ASH/CEMENT AS A NON-HAZARDOUS LIQUID WASTE SO THAT NO FREE LIQUID REMAINS BEFORE INDUSTRIAL WASTE LANDFILL OR DEEP-WELL INJECTION IN ACCORDANCE W/LOCAL/S TATE/FEDERAL REGULATIONS.

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