

NALCO -- NALCO 39M CORROSION INHIBITOR -- 6850-01-072-0979

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===== Product Identification =====

Product ID:NALCO 39M CORROSION INHIBITOR

MSDS Date:08/19/1987

FSC:6850

NIIN:01-072-0979

MSDS Number: BGKLL

=== Responsible Party ===

Company Name:NALCO

Address:ONE NALCO CENTER

City:NAPERVILLE

State:IL

ZIP:60566-1025

Country:US

Info Phone Num:JOHN J. KASPER

Emergency Phone Num:312-961-9500

Preparer's Name

:JOHN J.KASPER

CAGE:FO908

=== Contractor Identification ===

Company Name:NALCO

Address:ONE NALCO CENTER

City:NAPERVILLE

State:IL

ZIP:60566-1024

Phone:(708) 961-9500

CAGE:FO908

Company Name:ONDEO NALCO COMPANY

Address:ONDEO NALCO CENTER

Box:City:NAPERVILLE

State:IL

ZIP:60563-1198

Country:US

Phone:(630) 305-1000

CAGE:89524

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===== Composition/Information on Ingredients =====

Ingred Name:SODIUM NITRITE (SARA III)

CAS:7632-00-0

RTECS #:RA1225000

Fraction by Wt: 1-10%

EPA Rpt Qty:1

00 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:SODIUM MERCAPTOBENZOTHIAZOLE  
CAS:2492-26-4  
RTECS #:DL6825000  
Fraction by Wt: 1-10%

Ingred Name:SODIUM TETRABORATE  
CAS:1330-43-4  
Fraction by Wt: 1-10%  
ACGIH TLV:1MG/CUM

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL RAT=3,362MG/KG  
Routes of Entry: Inhalation:UNKNOWN Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES AND  
SKIN;INGESTION CAN CAUSE KIDNEY DAMAGE. CHRONIC:NO DATA  
AVAILABLE.  
Effects of Overexposure:CAUSE FORMATION OF METHEMOGLOBINEMIA LEADING TO  
CYANOSIS & POSSIBLE DEATH.SM AMT CAUSE BLOOD P. DROP  
Medical Cond Aggravated by Exposure:SODIUM NITRITE.PREGNANT WOMEN ARE  
PARTICULARY SENSITIVE TO METHAEMOG

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

First Aid:EYE:FLUSH WITH WATER FOR 15 MIN.CALL A PHYSICIAN;SKIN:FLUSH  
WITH WATER FOR 15 MIN;ING:INDUCE VOMITING,GIVE WATER,CALL A  
PHYSICIAN AT ONCE.

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

Flash Point:NONE  
Extinguishing Media:NONE NOTED;USE SUITABLE MEDIA FOR SURROUNDING  
FIRES.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA IN FIRES SITUATIONS.  
Unusual Fire/Explosion Hazard:MAY EVOLVE NO\*X UNDER FIRE CONDITIONS.

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

Spill Release Procedures:SMALL SPILLS:CONTAIN WITH ABSORBENT  
MATL.SHOVEL RECLAIMED LIQ & ABSORBENT INTO RECOVERY OR

SALVAGE DRUM  
FOR DISPOSAL;LARGE SPILLS:DIKE TO PREVENT FURTHER MOVEMENT &  
RECLAIM INTO RECOVERY OR SALVAGE DR UMS OR TANK TRUCK FOR DISPOSAL.

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

Respiratory Protection:NONE NEEDED WITH ADEQUATE VENTILATION.  
Ventilation:GENERAL VENTILATION  
Protective Gloves:IMPERMEABLE  
Eye Protection:CHEM SPLASH GOGGLES  
Other Protective Equipment:NONE  
Supplemental Safety and Health  
MSDS RECEIVED BY DGSC:16 JUNE 1988.THIS PART B "NALCO 39M  
" HAS REPLACED  
PART A "NALCO 39L"

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

HCC:N1  
Boiling Pt:B.P. Text:212F/100C  
Spec Gravity:1.13  
pH:11.6  
Solubility in Water:COMPLETE  
Appearance and Odor:RED LIQUID,ODORLESS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
MANY AMINE CAN FORM N-NITROSAMINE WHEN MIXED W/THE MATL;ACID  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:CO,CO\*2,NO\*X.

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

Waste Disposal Methods:SOLIDIFIED BEFORE DISPOSAL TO A SANITARY  
LANDFILL.CAN BE DEEP-WELL INJECTED IN ACCORDANCE WITH LOCAL,STATE &  
FEDERAL REGULATIONS.

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