

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

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Product Identification
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Product ID:NALCO 39M CORROSION INHIBITOR

MSDS Date:10/29/1990

FSC:6850

NIIN:01-072-0979

MSDS Number: BGKLK

=== Responsible Party ===

Company Name:NALCO CHEMICAL COMANY

Address:ONE NALCO CENTER

City:NAPERVILLE

State:IL

ZIP:60566-1024

Country:US

Info Phone Num:312-961-9500

Emergency Phone N

um:312-920-1510(24 HOURS)

Preparer's Name:RICKY A. STACKHOUSE PHD

CAGE:89524

=== Contractor Identification ===

Company Name:CUMMINS ATLANTIC INC

Address:3900 DEEPWATER TERMINAL RD

Box:City:RICHMOND

State:VA

ZIP:23234-2225

Country:US

Phone:804-232-7891

CAGE:1F124

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
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Ingred Name:SODIUM

NITRITE (SARA III)
CAS:7632-00-0
RTECS #:RA1225000
Fraction by Wt: 1-5%
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:SODIUM MERCAPTOBENZOTHAZOLE
CAS:2492-26-4
Fraction by Wt: 1-5%

Ingred Name:SODIUM TETRABORATE, ANHYDROUS
CAS:1330-43-4
RTECS #:VZ2240000
Fraction by Wt: 1-5%
OSHA PEL:10 MG/M3
ACGIH TLV:1 MG/M3; 9192

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

LD50 LC50 Mixture:ORAL RAT LD50 3,362 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE: IRRITATION OF EYES, SKIN,
RESPIRATORY OR G,I.TRACT; REDNESS OR BURNS OF EYES ARE POSSIBLE.
INGESTION MAY CAUSE KIDNEY DAMAGE, CAN BE HARMFUL OR FATAL,
REPEATED INGESTION CAN CAUSE CNS EFFECTS.

Explanation of Carcinogenicity:DATA PER MGF MSDS.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, RESPIRATORY
IRRITATION, GASTORINTESTINAL IRRITATION, REDNESS OF EYES, BURNING
EYES

, KIDNEY DAMAGE, DROP IN BLOOD PRESSURE, RAPID PULSE,
HEADACHES, VISUAL DISTURBANCES, TREMORS, DROWSINESS, CONVULSIONS.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN, SODIUM NITRITE MAY EFFECT PREGNANT WOMEN, SENSITIVE TO
METHAEMOGLOBINAEMIA.

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

First Aid:EYES AND SKIN: FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT
15-20 MINUTES. SEEK MEDICAL ATTENTION IMMEDIATELY. INHALATION:
REMOVE

TO FRESH AIR. CALL A PHYSICIAN. INGESTION: INDUCE VOMITING.
GIVE WATER. SEEK MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING
FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Haza

rd:FIRE OR EXCESSIVE HEAT MAY CAUSE

PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS (OXIDES OF NITROGEN)

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;USE SUITABLE
INERT ABSORBENT MATERIAL AND COLLECT FOR PROPER DISPOSAL IN AN
APPROVED CONTAINER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY AND WELL VENTILATED
AREA. KEEP CONTA
INER CLOSED WHEN NOT IN USE.

Other Precautions:HANDLE LIKE ANY ALKALI. AVOID CONTACT WITH EYES.
AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. DO NOT TAKE
INTERNALLY.

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

Respiratory Protection:NO SPECIAL REQUIREMENTS UNDER ORDINARY
CONDITIONS/ ADEQUATE VENTILATION.

Ventilation:NORMAL ROOM VENTILATION;LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective

Equipment:PROTECTIVE CLOTHINGS.EYE-WASH FACILITIES

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN; DO NOT
BREATHE VAPORS/MIST. WASH THOROUGHLY AFTER EACH USE; DO NOT EAT,
DRINK, SMOKE.

Supplemental Safety and Health

SOLUTION PH= 11-12; NALCO 39-L REPLACED BY NALCO 39-M ABOUT 9/85 UNDER
SAME NSN.

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

HCC:B3

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1.13

pH:11.8

Solubility in Water:COMPLETE

Appearance and Od

or:RED LIQUID, ODORLESS

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

Stability Indicator/Materials to Avoid:YES

SULFURIC ACID, PHOSPHORIC ACID, NITRIC ACID, HYDROCHLORIC ACID, CHROMIC ACID, SULFONIC ACID

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN MAY BE FORMED

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

Waste Disposal Meth

ods:CONSULT LOCAL AUTHORITIES. DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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