

NALCO CHEMICAL CO -- NALCOOL 2000 COOLING TREATMENT -- 6850-01-086-3438

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Product Identification
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Product ID:NALCOOL 2000 COOLING TREATMENT

MSDS Date:01/01/1987

FSC:6850

NIIN:01-086-3438

MSDS Number: BGLDL

=== Responsible Party ===

Company Name:NALCO CHEMICAL CO

Emergency Phone Num:312-920-1510

CAGE:89524

=== Contractor Identification ===

Company Name:ONDEO NALCO COMPANY

Address:ONDEO NA

LCO 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: 5.5%

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:SODIUM MERCAPTOBENZOTHIAZOLE; CAS #2492-26-4; WT %

RANGE:1-10%

RTECS #:DL6825000

Fraction by Wt: 5.5%

Ingred Name:SODIUM TETRABORATE, DECAHYDRATE

CAS:1303-96-4

RTECS #:VZ2275000

Fra

ction by Wt: 5.5%
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3; 9192

Ingred Name:NITRATES (TYPE NOT SPECIFIED)

Ingred Name:SILICATES (TYPE NOT SPECIFIED).

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Hazards Identification
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Effects of Overexposure:EYES/SKIN:CAN CAUSE TRANSIENT IRRIT;INGEST:CAN
DAMAGE KIDNEY.CAN BE HARMFUL OR FATAL,EFFECTS CNS.

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First Aid Measures
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First Aid:SKIN:WASH W/SOAP & H*2O EYES:FLUSH W/H*2O.INGEST:GIVE 2 GL
H*2O; INDUC
E VOMITING.CALL A PHYSICIAN. INHALE:REMOVE TO FRESH AIR.
GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED
CLOTHING. IF UNCONS,NOTHING BY MOUTH.NO VOMIT.

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Fire Fighting Measures
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Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:NONE
Extinguishing Media:EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*2O SPRAY TO COOL
CONTR.
Unusual Fire/Explosion Hazard:MAY EVOL
VE OXIDES OF NITROGEN UNDER FIRE.

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Accidental Release Measures
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Spill Release Procedures:WEAR PROTECTIVE EQUIP.PROVIDE VENTILATION;SM
SPILLS(LIQ):CONTAIN W/ABSRBNT MATL,SUCH AS DUST,CLAY,SOIL OR OTHER
INERT ABSORBENT.SHOVEL RECLAIMD WASTE INTO RECVRY DRUM FOR
DISPOSAL;LG SPILLS:DIKE TO PR EVNT FURTHR MOVMT & RECLAIM INTO
SALVAGE TANKS.

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Handling and Storage
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Handling and Storage Precautions:ST

ORE IN COOL, DRY, WELL VENTILATED

AREA. PROTECT FROM PHYSICAL DAMAGE. AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions: WARNING! HARMFUL IF SWALLOWED. DO NOT TAKE

INTRINALLY. AVOID CONTACT W/EYE, & PROLONGED/REPEATED SKIN CONTACT; EMPTY CONTAINER MAY CONTAIN RESIDUAL PRODUCT; WASH CONTAMINATED CLOTHING/AREA. DISCARD CONTAMINATED SHOES/CLOTH

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

Respiratory Protection: NONE SHOULD BE NEEDED

Ventilation: GENERAL VENTILATION IS RECOMMENDED

Protective Gloves: IMPERMEABLE

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Equipment: FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT.

Supplemental Safety and Health

MSDS FROM MFR DATED 24 JAN, 86 WHICH CONFORMS TO OSHA HAZ COMMUNICATION STANDARDS; PH OF SOLUTION RANGES: 11.6-11.8; ALSO CONTAINS WATER; PER MSDS, NO SPECIFIC ANTIDOTE IS KNOWN, PHYSICIAN'S JUDGMENT IS OK.

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

HCC: N1

Boiling Pt: B.P.

Text: >212F/100C

Spec Gravity: 1.13

Solubility in Water: COMPLETE

Appearance and Odor: RED LIQUID; FAINT ORGANIC ODOR

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, AMINES.

Stability Condition to Avoid: NOT KNOWN

Hazardous Decomposition Products: COMBUSTION MAY RESULT IN FORMATION OF OXIDES OF NITRO

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

Waste Disposal Methods: PER MFR, IF THIS PRODUCT BECOMES A

WASTE,IT DOES

NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS DEFINED UNDER RCRA; AS A NON-HAZARDOUS LIQ WASTE,IT SHOULD BE SOLID; FD BEFORE DISPOSAL TO A SANITARY LANDFI LL. CAN BE DEEP-WELL INJECTED IAW FED/ST/LOC REGS

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