

NALFLEET LIMITED (NALFLOC LTD) -- NALCOOL 2000 -- 6850-01-085-4718

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

Product ID:NALCOOL 2000

MSDS Date:03/12/1997

FSC:6850

NIIN:01-085-4718

Status Code:A

MSDS Number: CJDWS

=== Responsible Party ===

Company Name:NALFLEET LIMITED (NALFLOC LTD)

Address:WINNINGTON AVE

Box:11

City:NORTHWICH, CHESHIRE, CW8 4DX

Country:UK

Info Phone Num:01606-74488

Emergency Phone Num:(

INTL)+44(0) 1865 407333

CAGE:TO043

=== Contractor Identification ===

Company Name:NALFLEET INC

Address:195 MOUNTAIN AVE

Box:City:SPRINGFIELD

State:NJ

ZIP:07081-1755

Country:US

Phone:973-379 -1340

CAGE:95719

Company Name:NALFLEET LIMITED

Address:WINNINGTON AVE

Box:11

City:NORTHWICH, CHESHIRE, CW8 4DX

Country:UK

Phone:01606-74488/01144(0)1865407333

CAGE:TO043

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
Company Name:SDB CONSULTANTS LTD
Address:401 WHITNEY AVE SUITE 120
Box:City:GRETNA
State:LA
ZIP:70056
Country:US
Phone:504-366-9105
Contract Num:SP0450-99-M-C011
CAGE:0PGK2

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Composition/Information on Ingredients
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Ingred Name:SODIUM NITRITE
CAS:7632-00-0
RTECS #:RA1225000
Minumum % Wt:4.
Maxumum % Wt:6.
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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Hazards Identification
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LD50 LC50 Mix
ture:LD50 (ORAL, RAT) > 2,000 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY
AND GASTRINTESTINAL TRACTS. ACUTE - INHALE: MAY CAUSE IRRITATION OF
MUCOUS MEMBRANES. EYE/SKIN: CAN CAUSE MODERATE IRRITATION.
INGESTION: HARMFUL IF SWALLOWED. M AY CAUSE GASTROINTESTINAL TRACT
IRRITATION. COMPONENTS OF THE PRODUCT CREATE FORMATION OF
METHEMOGLOBI
N. PREGNANT WOMEN ARE PARTICULARLY SENSITIVE TO
METHEMOGLOBINEMIA. MAY CAUSE A DECREASE IN BLOOD PRESSURE AND
CYANOSIS. CHRONIC - REPEATED INGESTION OF SMALL AMOUNTS OF SODIUM
NITRITE CAUSES DROPS IN BLOOD PRESSURE, RAPID PULSE, HEADACHES AND
VISUAL DISTURBANCES. IT MAY REACT WITH AMINES IN THE B ODY TO FORM
CARCINOGENIC NITROSAMINES.
Explanation of Carcinogenicity:IT MAY REACT WITH AMINES IN THE BODY TO
FORM CARCINOGENIC NITROSAMINES.
Effects of Overexposure:MODERATE IR

RITATION, DROPS IN BLOOD PRESSURE,
RAPID PULSE, HEADACHES AND VISUAL DISTURBANCES

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First Aid Measures
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First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: IMMEDIATELY GENTLY FLUSH WITH CLEAN WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. OBTAIN MEDICAL ATTENTION IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING. WASH OFF AFFECTED AREA IMMEDIATELY WITH PLENTY OF WATER. INHALED: USUALLY NOT NECESSARY UNLESS AEROSO
L/MISTS ARE GENERATED. REMOVE TO FRESH AIR, REST, TREAT SYMPTOMATICALLY. OBTAIN MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. IF CONSCIOUS, WASH OUT MOUTH AND GIVE ONE PINT OF WATER TO DRINK. OBTAIN MEDICAL ATTENTION IMMEDIATELY.

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Fire Fighting Measures
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Flash Point:NOT FLAMMABLE
Autoignition Temp:Autoignition Temp Text:NA
Extinguishing Media:NOT EXPECTED TO BURN. USE EXTINGUISHING MEDIA APPOPRIATE
FOR SURROUNDING FIRE
Fire Fighting Procedures:IN CASE OF FIRE, WEAR A FULL FACE POSTIVE -PRESSURE SELF CONTAINED BREATHING APPPARATUS AND PROTECTIVE SUIT.
Unusual Fire/Explosion Hazard:MAY EVOLVE TOXIC GASES OR FUMES UNDER FIRE CONDITIONS, OXIDES OF NITROGEN. IF PRODUCT IS ALLOWED TO DRY, THE SODIUM NITRITE IS AN OXIDIZING AGENT AND CAN INITIATE THE COMBUSTION OF OTHER MATERIALS.

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Accidental Release Measures
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Spill Release Procedures:AVOID CONTACT WITH A COMBUSTIBLE MATERIAL (WOOD, PAPER, OIL CLOTHING). WEAR PROTECTIVE CLOTHING, IMPERVIOUS GLOVES AND CHEMICAL SPLASH GOGGLES. PREVENT ENTRY INTO SEWERS OR WATER COURSES. CONTAIN AND ABSORB WITH INERT MATERIAL. COLLECT UP AND REMOVE TO A SAFE PLACE UNTIL DISPOSAL. DO NOT USE COTTON WASTE, SAWDUST OR OTHER COMBUSTIBLE SUBSTANCES AS ABSORBENTS, THESE MAY IGNITE WHEN DRIED OUT.

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Handling and Storage
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Handling and Stor

age Precautions:STORE IN A COOL, WELL VENTILATED AREA
AWAY FROM INCOMPATIBLES. STORAGE FOR MORE THAN TWO YEARS IS NOT
RECOMMENDED. EQUIPMENT FOR STORAGE SHOULD BE CONSTRUCTED FROM
STAINLESS STEEL, PVC, BUTYL/NITRILE RUBBER. AVOID USE OF ALUMINUM,
COPPER, ZINC AND THEIR ALLOYS, BRASS AND GALVANIZED METALS.
Other Precautions:AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES,
ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING OR DRINKING. REMOVE CONT
AMINATED CLOTHING PROMPTLY. LAUNDRER
BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE NORMALLY NEEDED. IF EXCESSIVE MISTING IS
EXPECTED, WEAR NIOSH-APPROVED VAPOR AND MIST RESPIRATOR (REFER TO
29 CFR 1910.134)

Ventilation:USE A CLOSED DESIGN SYSTEM. LOCAL EXHAUST VENTILATION IS
RECOMMENDED WHERE SIGNIFICANT AEROSOLS/MISTS ARE GENERATED.

Protective Gloves:NITRILE, NEOPRENE, PVC

Eye Protec

tion:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE BATH, WASHING FACILITY, LAB COAT OR
UNIFORM.

Work Hygienic Practices:GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY
CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL.

Supplemental Safety and Health

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

HCC:B3

Boiling Pt:B.P. Text:N/E

Melt/Freeze Pt:M.P/F.P Text:NE

Vapor Pres:SAME AS WATER

pH:11.3-11.8

Viscosity:NE

Solubility in Water:COMPLETE

Appearance and

Odor:DARK RED LIQUID,SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

ACIDS, REDUCING AGENTS, ORGANIC MATERIALS

Stability Condition to Avoid:STABLE UNDER AMBIENT CONDITIONS.

Hazardous Decomposition Products:MAY EVOLVE TOXIC GASES OR FUMES,
OXIDES OF NITROGEN.

===== Toxicological Information =====

Toxicological Information:PRIMARY SKIN IRRITATION: 0.5/8.0; PRIMARY EYE
IRRITATION: 16

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Ecological Information
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Ecological:NITRITE IS TOXIC TO FISH. CHEMICAL OXYGEN DEMAND (COD) = 67000 MG/L.

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Disposal Considerations
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Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.

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MSDS Transport Information
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Transport Information:NOT REGULATED.

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Regulatory Information
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SARA Title III Information:NOT PROVIDED
Federal Regulatory Information:NOT PROVIDED
State Regulatory Information:NOT PROVIDED

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Other Information
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