

NALCO CHEMICAL COMANY -- NALPREP 2001 ENGINE CLEANER -- 6850-01-219-5714

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Product Identification
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Product ID:NALPREP 2001 ENGINE CLEANER

MSDS Date:11/03/1988

FSC:6850

NIIN:01-219-5714

MSDS Number: BGQVJ

=== Responsible Party ===

Company Name:NALCO CHEMICAL COMANY

Address:ONE NALCO CENTER

City:NAPERVILLE

State:IL

ZIP:60566-1024

Country:US

Info Phone Num:708-305-1000

Emergency Phone Num:7

08-920-1510(24 HOURS)

Preparer's Name:JOHN J. KASPER

CAGE:89524

=== Contractor Identification ===

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:PENN DETROIT DIESEL ALLISON INC

Address:SIPE ROAD

Box:RD 1

City:YORK HAVEN

State:PA

ZIP:17370-9785

Country:US

Phone:717-938-5141

CAGE:62860

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Composition/Information on Ingredients
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Ingred Name:SODIUM NITRITE (SA

RA 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 TETRABORATE, DECAHYDRATE
CAS:1303-96-4
RTECS #:VZ2275000
Fraction by Wt: 1-5%
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3; 9192

Ingred Name:CHELANTS AND CORROSION INHIBITORS

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

LD50 LC50 Mixture:ORAL RAT:3.36 GM/KG
Routes of Entry: Inhalation:UNKNOWN Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN AND G.I. TRACT;INGESTION MAY BE HARMFUL;SODIUM NITRITE CAUSES FORMATIONS OF METHAEMOGLOBINAEMIA LEADING TO CYANOSIS AND POSSIBLE DEATH IF INGESTED.
Effects of Overexposure:EYES/SKIN:IRRITATION;INGESTION:HARMFUL OR FATAL;ABSORPTION INTO BODY:CYANOSIS AND DEATH IF NO TREAT
Medical Cond Aggravated by Exposure:SODIUM NITRITE;PREGNANT WOMEN ARE PARTICULARLY SENSITIVE TO METHAEMOGLOBINANEMIA.

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

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H*20 FOR 15 MIN;INGEST:RINSE MOUTH; GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

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

Flash Point:NONE
Extinguishing Media:ANY MEDIA SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FI

RE. USE WATER

SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE NOTED

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION.CONTAIN WITH ABSORBENT MATERIAL;COLLECT SORBED WASTE FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL DRY PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:

AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST.DO NOT TAKE INTERNALLY:DO NOT USE CONTAMINATED CLOTHES.WASH THOROUGHLY AFTER EACH USE.

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

Respiratory Protection:NO SPECIAL REQMENTS UNDER ORDINARY CONDITIONS/ADEQUATE VENT.

Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION

Protective Gloves:RUBBER

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING

,SAFETY SHOWER,EYE

WASH STATION

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT TAKE INTERNALLY.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

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

HCC:N1

Spec Gravity:1.17

pH:12.1

Solubility in Water:SOLUBLE

Appearance and Odor:DARK-PURPLE LIQUID,SLIGHT SULFIDE.

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS

Stab

ility Condition to Avoid:NONE NOTED

Hazardous Decomposition Products:CO,CO*2,NO*X.

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

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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