

NYE LUBRICANTS INC -- RHEOTEMP 500 -- 9150-01-289-0423

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

Product ID:RHEOTEMP 500

MSDS Date:07/10/1995

FSC:9150

NIIN:01-289-0423

MSDS Number: CGSXZ

=== Responsible Party ===

Company Name:NYE LUBRICANTS INC

Address:12 HOWLAND RD

City:FAIRHAVEN

State:MA

ZIP:02719

Country:US

Info Phone Num:508-996-6721

Emergency Phone Num:508-993-4685; 508-758-4408

CAGE:NYELU

=== Con

tractor Identification ===

Company Name:NYE LUBRICANTS INC

Address:12 HOWLAND RD

Box:City:FAIR HAVEN

State:MA

ZIP:02719

Country:US

Phone:508-996-6721

CAGE:98354

Company Name:NYE LUBRICANTS INC (WILLIAM F NYE CO)

Address:12 HOWLAND RD

City:FAIRHAVEN

State:MA

ZIP:02719-5000

Country:US

Phone:508-996-6721/508-993-4685

CAGE:NYELU

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

Ingred Name:XYLENOL, PHOSPHATE (3:1); (TRIXYLENYL PHOSPHATE (MIXED  
XYLYL)) LD50: (ORAL, RAT) >4640

MG/KG.  
CAS:25155-23-1  
RTECS #:ZE8320000  
Fraction by Wt: 3%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:P-PHENYLENEDIAMINE,N,N'-DIPHENYL-;  
(DIPHENYL-P-PHENYLENEDIAMINE) LD50: (ORAL, RAT) >5000 MG/KG.  
CAS:74-31-7  
RTECS #:ST2275000  
Fraction by Wt: 1%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:ALIPHATIC OIL; (ALIPHATIC POLYESTER OIL)  
CAS:26745-88-0  
Fraction by Wt: 68%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:MINERAL OIL, WHITE; (WHITE MINERAL OIL)  
CAS:8042-47-5  
RTECS #:PY8047000  
Fraction by Wt: 4  
%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:(DELTA(SUP2,2')-BIINDOLINE)-3,3'-DIONE; (DIINDOGEN)  
CAS:482-89-3  
RTECS #:DU2988400  
Fraction by Wt: 12%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:MYRISTIC ACID, SODIUM SALT; (SODIUM MYRISTATE)  
CAS:822-12-8  
RTECS #:QH4455000  
Fraction by Wt: 12%  
OSHA PEL:N/K  
ACGIH TLV:N/K

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Report

s of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: POSS SKIN & EYE IRRIT. POSS RESPIRATORY PASSAGE IRRIT AT HIGH TEMPS. NAUSEA & ABDOMINAL PAIN IF LARGE QTYS INGESTED OR ABSORBED THRU SKIN. PARALYSIS IF ABSORBED/INGESTED IN LARGE QTYS. CONTAINS A SMALL PERCENTAGE OF TRIXYLENYL PHOSPHATE. DO NOT ALLOW ON FOOD, MACHINERY OR ON SURFS THAT MAY (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HEALTH HAZ: CO NTACTION FOOD. CAN BE ABSORBED THRU SKIN IF EXPOSED TO A HIGH CONC OR FOR A LONG PERIOD. INITIAL SYMPS OF OVEREXP ARE NAUSEA, DIARR & ABDOM PAIN FOLLOWED BY SORENESS OF LOWER LEGS & NUMBNESS OF TOES. INGEST/ABSORPTION OF LARGE QTYS OF THIS COMPONENT CAN CAUSE PARALYSIS. CHRONIC: NONE KNOWN.

Medical Cond Aggravated by Exposure:NONE.

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

First Aid:EYES: WASH THOROUGHLY FOR AT LEAST 15 MINUTES; CONTACT MD IF IRRITATION PERSISTS. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR AND REFER TO MD FOR TREATMENT. INGESTION: OBTAIN IMMEDIATE MEDICAL ATTENTION IF INGESTED OR IF SYMPTOMS DEVELOP. EXERCISE ORDINARY MEASURES OF PERSONAL HYGIENE. AVOID CONTAMINATION OF CIGARETTES OR OTHER TOBACCO PRODUCTS.

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

Flash Point Method:COC  
Flash Point:450F,232C  
Extinguishing Media:SMALL FIRE - USE CARBON DIOXIDE OR DRY CHEMICAL.  
LARGE FIRE - USE FOAM OR WATER SPRAY.  
Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP .  
AVOID SMOKE INHAL. WATER OR FOAM MAY CAUSE FROTHING. IF CLSD DRUMS ARE EXPOS TO FIRE, KEEP COOL W/WATER (SUPDAT)  
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:REMOVE FREE LIQUID. ADD ABSORBENT (SAND, EARTH, SAWDUST) TO THE SPILL AREA. AFTER REMOVING ABSORBENT, WASH WALKING SURF

ACES THOROUGHLY WITH DETERGENT AND WATER TO REDUCE  
SLIPPING HAZARD.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID EXTENDED SKIN EXPOSURE. EXERCISE  
ORDINARY CARE IN HANDLING CHEMICALS.

Other Precautions:AVOID CONTAMINATION OF FOOD AS WELL AS CIGARETTES OR  
OTHER TOBACCO PRODUCTS. WASH HANDS THOROUGHLY BEFORE SMOKING. USERS  
SHOULD BE ALERT TO THE POSSIBILITY THAT VERY SM

ALL PERCENTAGES OF  
POPULATION MA Y DISPLAY UNEXPECTED ALLERGIC (SUPDAT)

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR  
EXPOSURE OF CONCERN . NOT REQUIRED UNLESS MISTS, SMOKE OR VAPORS  
ARE PRODUCED AT HIGH TEMPERATURES.

Ventilation:NONE REQUIRED UNLESS MISTS, SMOKE OR VAPORS ARE PRODUCED AT  
HIGH TEMPERATURES.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGG  
LES .

Other Protective Equipment:ANSI APPROVED EYE WASH AND DELUGE SHOWER .

Work Hygienic Practices:EXERCISE ORDINARY MEASURES OF PERSONAL HYGIENE.  
AVOID CONTAMINATION OF CIGARETTES OR OTHER TOBACCO PRODUCTS.

Supplemental Safety and Health

FIRE FIGHT PROCEDURE: SPRAY TO PREVENT PRESS BUILD-UP. OTHER  
PRECAUTIONS: SKIN REACTIONS TO OTHERWISE INNOCUOUS INDUSTRIAL  
CHEMICALS AND RAW MATERIALS.

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

Boiling Pt:B.P. Text:NOT  
VOLAT

Melt/Freeze Pt:M.P/F.P Text:395F,202C

Vapor Pres:NOT VOLAT

Vapor Density:HVR/AIR

Spec Gravity:0.96 (H\*2O=1)

pH:NEUT

Evaporation Rate & Reference:SLOWER/DIETHYL ETHER

Solubility in Water:INSOLUBLE

Appearance and Odor:SMOOTH, DEEP-BLUE LUBRICATING GREASE WITH MILD  
ODOR.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING MATERIALS.

Stability Condition to Avoid:PYROLYSIS.  
Hazard

ous Decomposition Products: BURNING CAN PRODUCE TOXIC OXIDES OF PHOSPHORUS AS WELL AS CARBON MONOXIDE AND SMALL AMOUNTS OF OTHER TOXIC FUMES.

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

Waste Disposal Methods: MANY STATES CLASSIFY WASTE LUBRICANTS AS "HAZARDOUS" WHICH MEANS DISPOSAL ONLY BY A LICENSED FIRM. CONSULT LOCAL, STATE AND FEDERAL REGULATIONS APPLICABLE TO YOUR AREA.

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