

NYE LUBRICANTS, INC -- NYE SYNTHETIC OIL 132 -- 9150-01-388-5990

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Product Identification  
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Product ID:NYE SYNTHETIC OIL 132  
MSDS Date:01/04/1999  
FSC:9150  
NIIN:01-388-5990  
Status Code:A  
MSDS Number: CKSJY  
=== Responsible Party ===  
Company Name:NYE LUBRICANTS, INC  
Box:8927  
City:NEW BEDFORD  
State:MA  
ZIP:02742-8927  
Country:US  
Info Phone Num:508-996-6721(8-5 ET WEEKDAYS)  
Emergency Phone Num:8  
00-424-9300  
Resp. Party Other MSDS Num.:132  
Preparer's Name:GBM  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:TO369  
=== Contractor Identification ===  
Company Name:NYE LUBRICANTS INC  
Address:12 HOWLAND RD  
Box:City:FAIR HAVEN  
State:MA  
ZIP:02719  
Country:US  
Phone:508-996-6721  
Contract Num:SP0450-00-M-C839  
CAGE:98354  
Company Name:NYE LUBRICANTS, INC.  
Address:Box:8927  
City:NEW BEDFORD  
State:MA  
ZIP:02742-8927  
Country:US  
Phone:508-996-6721(8-5 ET WEEKDAYS)  
CAGE:TO369

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Composition/Information on I

ngredients =====

Ingred Name:TRICRESYL PHOSPHATE (TCP)

CAS:1330-78-5

RTECS #:TD0175000

= Wt:1.

Ingred Name:PHENOLIC ANTIOXIDANT

CAS:118-82-1

= Wt:.5

Ingred Name:POLYALPHAOLEFIN

CAS:68037-01-4

= Wt:98.5

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

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

Health Hazards Acute and Chronic:OVERVIEW: PROLONGED OR REPEATED SKIN OR EYE CONTACT CAN CAUSE IRRITATION. INHALATION OF VAPOR OR OIL MIST FROM MATERIAL

AT HIGH TEMPERATURES MAY IRRITATE RESPIRATORY

PASSAGES. LIMIT FOR AIRBORNE CONC ENTRATION OF OIL MIST IN AIR IS 5MG/M3 PER OSHA 29CFR 1910.1000. EXERCISE ORDINARY, COMMON-SENSE MEASURES OF INDUSTRIAL HYGIENE WHEN USING PRODUCT. ACUTE EFFECTS: POSSIBLE SKIN AND EYE IRRITATION. POSSIBLE RESPIRATORY PASSAGE IRRITATION AT HIGH TEMPERATURES (OVER250C). NAUSEA AND ABDOMINAL PAIN IF LARGE QUANTITIES ARE INGESTED OR ABSORBED THROUGH SKIN. POSSIBLE PARALYSIS IF ABSORBED OR

INGESTED IN LARGE QUANTITIES.

CHRONIC: UNKNOWN.

Explanation of Carcinogenicity:IARC, NTP, AND OSHA DO NOT LIST NYE SYNTHETIC OIL 132 OR ITS INGREDIENTS AS CARCINOGENS.

Effects of Overexposure:SKIN AND EYE IRRITATION. RESPIRATORY PASSAGE IRRITATION AT HIGH TEMPERATURES (OVER250C). NAUSEA AND ABDOMINAL PAIN. NAUSEA, DIARRHEA AND ABDOMINAL PAIN FOLLOWED BY SORENESS OF LOWER LEGS AND NUMBNESS OF TOES. INGESTION OR ABSORPTION OF LARGE QUANTITIES OF THIS OIL MAY CAUSE PARALYSIS.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:INHALATION: MOVE TO FRESH AIR AND REFER TO A PHYSICIAN FOR TREATMENT. EYE CONTACT: WASH THOROUGHLY: CONTACT PHYSICIAN IF IRRITATION PERSISTS. SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER. INGESTION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF INGESTED, IMMEDIATELY GIVE 1 TO 2 GLASSES OF WATER AND CALL A PHYSICIAN. DO NOT INDUCE VOMITING. A

FTER FIRST AID, GET APPROPRIATE  
IN-PLANT, PARAMEDIC, OR COMMUNITY MEDICAL SUPPORT. SPECIAL  
PRECAUTIONS/PROCEDURES: AVOID CONTAMINATION OF CIGARETTES OR OTHER  
TOBACCO PRODUCTS.

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

Flash Point Method:COC

Flash Point:>204.4C, 400.F

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER SPRAY.

Fire Fighting Procedures:AVOID SMOKE INHALATION. WATER OR FOAM MAY  
CAUSE FROTHING. IF CLOSED CONTAINERS ARE EXPOSED  
TO FIRE, KEEP COOL

WITH WATER SPRAY TO PREVENT PRESSURE BUILDUP. DO NOT RELEASE RUNOFF  
FROM FIRE CONTROL TO SEWERS OR WATERWAYS.

Unusual Fire/Explosion Hazard:BECAUSE FIRE MAY PRODUCE TOXIC THERMAL  
DECOMPOSITION PRODUCTS, WEAR A SELF-CONTAINED BREATHING APPARATUS  
(SCBA) WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR  
POSITIVE-PRESSURE MODE.

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

Spill Release Procedures:REMOVE FREE OIL. ADD ABSORBANT(SA  
ND, EARTH,

SAWDUST), TO SPILL. WIPE, SCRAPE UP ABSORBANT AND PLACE IN  
CONTAINER FOR DISPOSAL. FOR LARGE SPILLS, DIKE FAR AHEAD OF LIQUID  
SPILL FOR LATER DISPOSAL. DO NOT RELEASE INTO SEWERS OR  
WATERWAYS. WASH WALKING SURFACES WITH DETERGENT AND WATER TO REDUCE  
SLIPPING HAZARD. FOLLOW OSHA REGULATION (29CFR1910.120) CONSULT  
APPLICABLE STATE AND LOCAL REGULATIONS.

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

Handling and Storage Precautions:EXERCISE  
CARE IN HANDLING INDUSTRIAL

LUBRICANTS. NO SPECIAL HANDLING PRECAUTIONS ARE NECESSARY. AVOID  
CONTAMINATION OF FOOD, CIGARETTES OR OTHER TOBACCO PRODUCTS. WASH  
HANDS BEFORE EATING OR SMOKING. BE ALERT TO DISPLAY OF UNEXPECTED  
ALLERGIC REACTIONS FROM HANDLING LUBRICANTS AND RAW MATERIALS.

Other Precautions:DO NOT STORE IN OPEN OR UNLABELED CONTAINERS. STORE  
AWAY FROM STRONG OXIDIZING AGENTS OR COMBUSTIBLE MATERIAL.

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

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Respiratory Protection:NOT REQUIRED UNLESS OIL MIST, SMOKE OR VAPORS ARE GENERATED AT HIGH TEMPERATURES.

Ventilation:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE WITH ADEQUATE VENTILATION.

Protective Gloves:WEAR CHEMICALLY PROTECTIVE GLOVES TO PREVENT SKIN CONTACT.

Eye Protection:WEAR PROTECTIVE EYEGLASSES OR CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:WEAR CHEMICALLY PROTECTIVE APRONS TO PREVENT PROLONGED OR REPEATED SKIN CONTACT. MAKE EMERGENCY E

YE WASH

STATIONS, SAFETY/QUICK-DRENCH SHOWERS, AND WASHING FACILITIES AVAILABLE IN WORK AREA.

Work Hygienic Practices:NEVER EAT, DRINK, OR SMOKE IN WORK AREAS.

PRACTICE GOOD PERSONAL HYGIENE AFTER USING THIS MATERIAL, ESPECIALLY BEFORE EATING, DRINKING, SMOKING, USING THE TOILET, OR APPLYING COSMETICS.

Supplemental Safety and Health

PER OSHA EYE AND FACE PROTECTION REGULATIONS (29CFR 1910.133). CONTACT LENSES ARE NOT EYE PROTECTIVE DEVICES. APPROPRIATE EYE PROTECTION

MUST BE WORN INSTEAD OF OR IN CONJUNCTION WITH CONTACT LENSES.

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

HCC:V5

Boiling Pt:B.P. Text:NOT VOLATILE

Vapor Pres:NEGLIGIBLE

Vapor Density:>AIR

Spec Gravity:0.83(H<sub>2</sub>O=1)@4C

pH:NEUTRAL

Evaporation Rate & Reference:SLOWER THAN DIETHYL ETHER

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, STRAW, ODORLESS OIL.

Percent Volatiles by Volume:NONE

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

Stabil

ity Indicator/Materials to Avoid: YES

STRONG OXIDIZING MATERIALS.

Stability Condition to Avoid: PYROLYSIS. NYE SYNTHETIC OIL 132 IS STABLE AT ROOM TEMPERATURE IN CLOSED CONTAINERS UNDER NORMAL STORAGE AND HANDLING CONDITIONS.

Hazardous Decomposition Products: THERMAL OXIDATIVE DECOMPOSITION OF NYE SYNTHETIC OIL 132 CAN PRODUCE TOXIC OXIDES OF PHOSPHOROUS AS WELL AS CARBON MONOXIDE AND SMALL AMOUNTS OF OTHER TOXIC FUMES.

Conditions to Avoid Polymerization: HAZARDOUS POLYMERIZATION CAN NOT OCCUR.

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

Toxicological Information: NONE ESTABLISHED FOR THE BULK LUBRICANT.

===== Ecological Information =====

Ecological: NO DATA HAS BEEN ESTABLISHED FOR THIS PRODUCT.

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

Waste Disposal Methods: CONTACT A LICENSED WASTE-DISPOSAL CONTRACTOR FOR DETAILED RECOMMENDATIONS. DISPOSAL REGULATORY REQUIREMENTS: MANY STATES CLASSIFY WASTE OIL AS HAZARDOUS, WHICH MEANS DISPOSAL ONLY BY A LICENSED FIRM. FOLLOW APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information: NOT RESTRICTED (49 CFR 172.101).

===== Regulatory Information =====

SARA Title III Information: SARA 311/312 CODES: N/A. SARA TOXIC CHEMICAL (40 CFR 372.65): N/A. SARA EHS (EXTREMELY HAZARDOUS SUBSTANCE) (40 CFR 355)

: NOT LISTED, THRESHOLD PLANNING QUALITY (TPQ): N/A.

Federal Regulatory Information: ALL COMPONENTS COMPLY WITH TSCA. OSHA REGULATIONS: AIR CONTAMINANT (29 CFR 1910.1000): OIL MIST IN AIR IF HEATED ABOVE 250C LIMIT FOR AIRBORNE CONCENTRATION IS 5 MG/M3.

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