

MSDS Number – Z0527

Manufacturers Product Name: Nylog Blue

Sid Harvey Item number – RT201B

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Date Prepared: 04-19-13

Product Identifier: **Nylog Blue**

Manufacturers Part # RT201B

General Use: Sealant/Lubricant

Chemical Family: Modified Petroleum Oil or Grease

Manufacturer Refrigeration Technologies (www.refrigtech.com)

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24 HR Emergency Phones: Chem-Tel, Inc. (800) 255-3924; International: (813) 248-0585

## SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components	CAS#	WEIGHT %	TWA	STEL	PEL	EINECS#
	None		NE	NE	NE	NA

This product does not contain any reportable hazardous components listed by OSHA or International Standards. Product is primarily composed of Food Grade Petroleum (Mineral) Oils and Esters

## SECTION 3 - HAZARDOUS IDENTIFICATION

HMIS: H=0, F=1, R=0, S=0

**Emergency Overview:** Possible Eye Irritation or Discomfort. Possible Skin Irritation

**Potential Health Effects:**

EYES: Discomfort

SKIN: Irritation possible with sensitive persons

INGESTION: May be irritating to the gastrointestinal tract in large quantities, diarrhea or laxative effect

INHALATION: Not expected to be a hazard unless heated above 300F/150C

Carcinogenic: No NTP? No IARC Monographs? No OSHA Regulated? No

## SECTION 4 - FIRST AID MEASURES:

EYES: Flush with water for 15 minutes. If irritation persists, call physician

SKIN: Wash off with soap and water.

INGESTION: Drink large amounts of water. Call physician

INHALATION: Get person to fresh air. Call physician

## SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

NFPA Hazard Rating: H=0, F=1, R=0, S=0

Flash Point: 280F/138C Closed Cup Flammable Limits: Not Tested LEL: Not Tested UEL: Not Tested

Extinguishing Media: Water, CO2 or Dry Foam Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None Hazardous Combustion Products: Hydrocarbons, CO, CO2

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Treat as a petroleum spill. Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container. Dispose of in accordance with federal, state and local regulations.

## SECTION 7 - HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store in a cool, dry place, out of direct sunlight. Do not freeze or heat above 120

F. Store away from oxidizers: Store away from open flame. Keep container closed.

Other precautions: KEEP OUT OF REACH OF CHILDREN

## SECTION 8 - EXPOSURE/CONTROL MEASURES

Hazardous Component	NIOSH TWA/STEL	ACGIH TWA/STEL
None	NE	NE

Respiratory Protection: Open all doors and windows. If there is an exposure and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required

Ventilation: Local Exhaust: If available Special: None

Mechanical: If available Other: None

Protective Gloves: Plastic or Rubber, Chemical Resistant

Eye Protection: Glasses, Goggles

Other Protective Clothing or Equipment: None

Work Hygienic Practices: Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label that will dictate engineering and control measures.

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### **SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES**

Boiling Point >500F/260C                      Specific Gravity: 0.91  
Vapor Pressure: Negligible                      pH: NA  
Vapor Density: >2                                  Evaporation Rate: >1  
Solubility in Water: Insoluble                      Appearance and Odor: Dark Amber, Sweet Petroleum Odor  
Viscosity: Not tested                                  Freeze Point: Not Tested

### **SECTION 10 - STABILITY AND REACTIVITY**

Stability: Stable  
Conditions to Avoid: Open Flame. Heating above the flash point  
Incompatible Materials to Avoid: Strong oxidizers  
Hazardous Decomposition or Byproducts: Hydrocarbons, smoke, carbon, CO, CO2  
Hazardous Polymerization: Will not occur

### **SECTION 11 - TOXICOLOGICAL INFORMATION**

Hazardous Components	CAS#	EINECS#	LC50 Inhaled	LD50 oral	LD50 dermal
None, Petroleum Mixture	NA	NA	NE	50g/kg Rat	NE

**Possible effects of exposure are:** Slight to none. Similar to Mineral Oil (LD50) 50g/kg Rat

EYES: May cause discomfort or mild eye irritation

SKIN: Slight irritant to skin in sensitive individuals

SKIN ABSORPTION: None to Slight

INHALATION: If heated excessive inhalation of vapors can cause nasal, respiratory irritation and difficulty breathing..

INGESTION: May cause gastrointestinal distress, diarrhea or a laxative effect.

CHRONIC EFFECTS: None known to occur.

### **SECTION 12 - ECOLOGICAL INFORMATION**

Product is a petroleum grease or oil. A marine pollutant if released in large quantities. Always prevent chemicals from entering watercourses, sewer or drain without proper authorization

### **SECTION 13 - DISPOSAL CONSIDERATIONS**

Always follow Federal, State and Local codes before disposal of any chemicals. Consult with an expert in your area on proper disposal of petroleum products. Chemicals should never be allowed to enter sewers, watercourses or low areas without proper authorization. Empty containers should be thoroughly rinsed and offered for recycling.

### **SECTION 14 - TRANSPORTATION INFORMATION**

DOT: Not Regulated                      Proper Shipping Name: Not Regulated

IMDG: Not Regulated                      Proper Shipping Name: Not Regulated

IATA: Not Regulated                      Proper Shipping Name: Not Regulated

### **SECTION 15 - REGULATORY INFORMATION**

SARA/CERCLA/313: No reportable ingredients. Not subject to any special reporting.

TSCA: Components are listed on the TSCA Inventory

EINECS: Yes, Petroleum Oils or Esters

ADG: Non-Toxic, Non-Flammable

CALIFORNIA PROP 65: No reportable ingredients

CPR: None Listed: "This product MSDS contains all the information required by the CPR."

IDL: Not Listed

DSL/NDL: All Ingredients Present

SAFETY PHRASE: S1/2/25

WHIMIS STATUS: This product does not require hazardous labeling or symbols.

VOC Content: Exempt as a lubricating petroleum oil or grease: 0 grams/liter

### **SECTION 16 - OTHER INFORMATION**

NSF Registration Number 119845, Non-Food Compound, Category H2

Product may be used in and around food and food equipment as per NSF Category H2.

Manufacturer Disclaimer: This information relates to the specific materials designated herein and may not be valid for such materials used in combination with any other material. The information contained in this document is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

Date Prepared: 04-19-13

By: John Pastorello, CEO - Refrigeration Technologies