

Safety data sheet

REACH: Regulation (EC) No 2020/878 (in particular as amended by Regulation (EU) No. 1907/2006 & 2015/830 with respect to SDSs) & CLP: Regulation (EC) No 1272/2008

Printing date 17.03.2023

Version number 1

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier:**
- **Trade name:** Nylog Blue
- **REACH Registration number:** Not relevant
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- **Sector of Use** Sealant/ Lubricant
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Refrigeration Technologies
1111 N. Armando St
Anaheim, CA 92806
P: 800-869-1407
www.refrigtech.com
- **1.4 Emergency telephone number:** 1-800-255-3924 ChemTel; International Calls 1-813-248-0585

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the GB CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Non-Regulated Material
- **Hazard pictograms** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Precautionary Statements:**
P102 Keep out of reach of children.
- **Additional information:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
0 % of the mixture consists of component(s) of unknown toxicity.
Contains 0 % of components with unknown hazards to the aquatic environment.
- **2.3 Other hazards:** None known
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

Non-Hazardous Components	100%
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- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** If symptoms persist, call a physician.

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- **After inhalation:**
Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical advice if symptoms persist.
- **After skin contact:**
If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.
- **After eye contact:**
If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.
- **After swallowing:**
Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.
- **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment to prevent skin and eye contamination.
- **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Keep out of eyes and off of skin.
- **Information about fire and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
No special requirements.

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- Store in a cool, dry, well-ventilated place and out of direct sunlight.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Hand protection**



Protective gloves

- **Material of gloves:** Nitrile
- **Penetration time of glove material:** Not applicable.
- **Eye/face protection**



Safety glasses

- **Body protection:**



Protective work clothing

- **Environmental exposure controls** None

* SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Fluid
- **Colour:** Dark Amber
- **Odour:** Characteristic
- **Melting point/freezing point:** Not determined.
- **Boiling point or initial boiling point and boiling range** 260 °C

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· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	Not applicable.
· Auto-ignition temperature:	Not applicable.
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity @ 20 °C	2000-3750 mm ² /sec
· Dynamic @ 20 °C:	2000-3000 mPas
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density @ 20 °C:	0.91 g/cm ³
· Relative density:	Not determined.
· Vapour density @ 20 °C:	>2 g/cm ³
· 9.2 Other information	
· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not self-igniting.
· Explosive properties:	Product does not present an explosion hazard.
· Solvent content:	
· Solids content:	0.0 %
· Change in condition	
· Evaporation rate:	Not determined.
· Information with regard to physical hazard classes	
· Explosives	Non-Regulated Material
· Flammable gases	Non-Regulated Material
· Aerosols	Non-Regulated Material
· Oxidising gases	Non-Regulated Material
· Gases under pressure	Non-Regulated Material
· Flammable liquids	Non-Regulated Material
· Flammable solids	Non-Regulated Material
· Self-reactive substances and mixtures	Non-Regulated Material
· Pyrophoric liquids	Non-Regulated Material
· Pyrophoric solids	Non-Regulated Material
· Self-heating substances and mixtures	Non-Regulated Material
· Substances and mixtures, which emit flammable gases in contact with water	Non-Regulated Material
· Oxidising liquids	Non-Regulated Material
· Oxidising solids	Non-Regulated Material
· Organic peroxides	Non-Regulated Material

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- **Corrosive to metals** Non-Regulated Material
- **Desensitised explosives** Non-Regulated Material

SECTION 10: Stability and reactivity

- **10.1 Reactivity:** No further relevant information available.
- **10.2 Chemical stability:** Product is stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** Elevated temperatures and sources of ignition.
- **10.5 Incompatible materials:** Oxidising agents
- **10.6 Hazardous decomposition products:** Oxides of carbon and nitrogen, smoke and other toxic fumes.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** No data available.
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Sensitisation:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT (Specific target organ toxicity)-single exposure**
Based on available data, the classification criteria are not met.
- **STOT (Specific target organ toxicity)-repeated exposure**
Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients are listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** Low
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation:**

Observe all federal, state and local environmental regulations when disposing of this material.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR/ADN, IMDG, IATA**

Non-Regulated Material

· **14.2 UN proper shipping name**

· **ADR/ADN, IMDG, IATA**

Non-Regulated Material

· **14.3 Transport hazard class(es)**

· **ADR/ADN, ADN, IMDG, IATA**

· **Class**

Non-Regulated Material

· **14.4 Packing group**

· **ADR/ADN, IMDG, IATA**

Non-Regulated Material

· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Not applicable.

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

· **UN "Model Regulation":**

Non-Regulated Material

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Directive 2012/18/EU** Substance is not listed.

· **Named dangerous substances - ANNEX I** None of the ingredients are listed.

· **National regulations:**

The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· * **Data compared to the previous version altered.**

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