



This safety data sheet complies with the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Product code** BLD-NRL

**Product name** NORTHERN LIGHTS TERPENE BLEND N&A

**Issue date** 16-Jun-2021

**Revision date** 16-Jun-2021

**Version** 1

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product identifier

**Product name** NORTHERN LIGHTS TERPENE BLEND N&A

### Other means of identification

**Product code** BLD-NRL

**UN/ID no** 1197

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Industry Use.

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**FLPX LLC**

324 Airport Industrial Dr  
Ypsilanti, Michigan 48198-7812  
(800) 330 - 3233  
buyterpenesonline.com

### Emergency telephone number

**Company Phone Number** Chemtrec: 1-800-424-9300 use CHEMTREC instead of an Emergency Number.

**Emergency telephone**

## 2. Hazards Identification

### Classification

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1B
Aspiration toxicity	Category 1
Flammable liquids	Category 3

### Label Elements

#### EMERGENCY OVERVIEW

**Danger**

**Hazard statements**  
Harmful if swallowed  
Causes skin irritation

Causes serious eye irritation  
 May cause an allergic skin reaction  
 May be fatal if swallowed and enters airways  
 Flammable liquid and vapor



**Appearance** Clear

**Physical state** Liquid

**Odor** Characteristic odor

#### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/ /? /equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection.

#### Precautionary Statements - Response

Specific treatment (see .? on this label).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. Rinse mouth.

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

#### Precautionary Statements - Storage

Store locked up. Store in a well-ventilated place. Keep cool.

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

#### Hazards not otherwise classified (HNOC)

##### Other Information

- May be harmful in contact with skin
- Very toxic to aquatic life with long lasting effects
- Very toxic to aquatic life

97.6926 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/information on Ingredients

\* 100% of the composition has been withheld as a trade secret.

### 4. First Aid Measures

#### Description of first aid measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water. Wash off immediately with plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. Move to fresh air in case of

accidental inhalation of vapors. If not breathing, give artificial respiration.

**Ingestion** Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. Fire-Fighting Measures

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** .

**Specific hazards arising from the chemical**

Flammable. Keep product and empty container away from heat and sources of ignition.

**Hazardous combustion products** Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Special protective actions for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and inhalation of vapors. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information. Do not flush into surface water or sanitary sewer system. Prevent product from entering drains.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and Storage

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation, especially in confined areas. Wash thoroughly after handling. When using do not eat, drink or smoke.

**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Protect from sunlight. Keep in properly labeled containers.
<b>Incompatible materials</b>	None known based on information supplied.

**8. Exposure Controls/Personal Protection****Control parameters****Exposure guidelines****Appropriate engineering controls**

<b>Engineering controls</b>	Showers Eyewash stations Ventilation systems.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Wear safety glasses with side shields (or goggles). Avoid contact with eyes.
<b>Skin and Body Protection</b>	Avoid contact with skin. Wear protective gloves and protective clothing.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Ensure adequate ventilation, especially in confined areas.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. When using do not eat, drink or smoke. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended. Avoid breathing (dust, vapor, mist, gas).

**9. Physical and Chemical Properties****Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Characteristic odor
<b>Appearance</b>	Clear	<b>Odor threshold</b>	Not applicable
<b>Color</b>	Colorless to Pale Yellow		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	Not applicable		
Melting point / freezing point	Not applicable		
Boiling point / boiling range	No data available		
Flash Point	42.2 °C / 108 °F		
Evaporation Rate	Not applicable		
Flammability (solid, gas)	Not applicable		
Flammability Limit in Air			
Upper flammability limit:	Not applicable		
Lower flammability limit:	Not applicable		
Vapor pressure	Not applicable		
Vapor Density	Not applicable		
Specific gravity	Not applicable		
Water solubility	Not applicable		

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<b>Solubility in other solvents</b>	Not applicable
<b>Partition coefficient</b>	Not applicable
<b>Autoignition Temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not applicable
<b>Kinematic viscosity</b>	No data available
<b>Dynamic viscosity</b>	Not applicable
<b>Explosive properties</b>	Not applicable
<b>Oxidizing properties</b>	Not applicable

**Other Information**

<b>Softening point</b>	not applicable
<b>Molecular weight</b>	Not applicable
<b>VOC content (%)</b>	Not applicable
<b>Density</b>	Not applicable
<b>Bulk Density</b>	Not applicable

**10. Stability and Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight. Heat, flames and sparks.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. Toxicological Information****Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye Contact</b>	Avoid contact with eyes. Causes serious eye irritation.
<b>Skin contact</b>	Avoid contact with skin. Causes skin irritation. May cause an allergic skin reaction. May be harmful in contact with skin.
<b>Ingestion</b>	Harmful if swallowed. May be fatal if swallowed and enters airways.

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Myrcene 123-35-3		Group 2B		
D'Limonene 5989-27-5		Group 3		
Eugenol 97-53-0		Group 3		

**Legend***IARC (International Agency for Research on Cancer)**Group 2B - Possibly Carcinogenic to Humans**Group 3 - Not classifiable as a human carcinogen*

**Reproductive toxicity** This product does not contain any known or suspected reproductive hazards above the threshold value.

**STOT - single exposure** Not classified.

**STOT - repeated exposure** Not classified.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity** 97.6926 % of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

## 12. Ecological Information

This product contains a chemical which is listed as a severe marine pollutant according to DOT.

**Ecotoxicity**

Very toxic to aquatic life with long lasting effects

1.4124 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

## 13. Disposal Considerations

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

## 14. Transport Information

**DOT**

UN/ID no	1197
Proper Shipping Name	Extracts, Flavoring, Liquid
Hazard Class	3
Packing group	III
Marine pollutant	This product contains a chemical which is listed as a severe marine pollutant according to DOT.
Description	(beta-Pinene)

**IATA**

UN/ID no	1197
Proper Shipping Name	Extracts, Flavoring, Liquid
Hazard Class	3
Packing group	III

**IMDG**

UN/ID no	1197
Proper Shipping Name	Extracts, Flavoring, Liquid
Hazard Class	3
Packing group	III

**15. Regulatory Information**

Please contact [info@buyterpenesonline.com](mailto:info@buyterpenesonline.com)

**16. Other Information**

Revision date 16-Jun-2021

Revision note  
No information available

**Disclaimer**

This material has not been tested or proven safe for inhalation. With this document, Floraplex Terpenes, dba: FLPX LLC only attests to the safety of the product when used in the appropriate and suitable fragrance/flavor industry application.

Classification and labeling according to the IFRA/IOFI Labeling Manual 2018. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**