

EUPHORICS™

Safety Data Sheet

1 . IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier: EUPHORICS™

1.2 Synonyms: None

1.3 Relevant Uses: This product is concentrated and should not be used undiluted. Based on your use of this product, determine appropriate warnings and directions for your products; also determine safety standards and conduct testing. Avoid contact between this undiluted product and skin, eyes, wood surfaces, and fabrics. Keep this undiluted product away from children and pets. Discontinue use if any adverse reaction occurs.

Store in original container, sealed tightly, in a cool, dry place away from sunlight or heat sources.

This product should not be used beyond its stated expiry date. Products made with this item should be tested to determine suitable shelf life.

1.4 Supplier: John I. Haas, Inc.

1.5 Emergency

Contact Details: 1600 River Road, Yakima, WA 98902

Emergency phone: +1 509 469 4000 (08:00am – 5:00pm

Mon-Fri, PST time)

Email: info@johnihaas.com

2 . HAZARDS IDENTIFICATION

2.1 Classification According to OSHA (29 CFR 1910.1200):
Toxic to reproduction, Category 2

2.2 Label Elements: Pictogram



Signal word: Warning

Hazard statements:

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 If exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container to an approved waste disposal plant.

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3 . COMPONENTS/INFORMATION ON INGREDIENTS

3.2 Components

Exact percentage composition withheld as a trade secret.

1) Hop Extract

Concentration	Not specified
EC no.	232-504-3
CAS no.	8007-04-3

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

2) Citric Acid

Concentration	Not specified
EC no.	201-069-1
CAS no.	77-92-9
Index no.	607-750-00-3

- Specific target organ toxicity (single exposure), Cat. 3
- Eye damage/irritation, Cat. 2A

H319	Causes serious eye irritation
H335	May cause respiratory irritation

3) Linalool

Concentration	Not specified
EC no.	201-134-4
CAS no.	78-70-6
Index no.	603-235-00-2

- Sensitization, skin, Cat. 1B
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2A
- Toxic to reproduction, Cat. 2

H227	Combustible liquid
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H361	Suspected of damaging fertility or the unborn child
H402	Harmful to aquatic life

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4) Beta-caryophyllene

Concentration Not specified
EC no. 201-746-1
CAS no. 87-44-5

- Aspiration hazard, Cat. 1
- Sensitization, skin, Cat. 1B

H304 May be fatal if swallowed and enters airways
H317 May cause an allergic skin reaction

5) D-Limonene

Concentration Not specified
EC no. 227-813-5
CAS no. 5989-27-5
Index no. 601-096-00-2

- Flammable liquids, Cat. 3
- Aspiration hazard, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1B
- Hazardous to the aquatic environment, short-term (acute), Cat. 1
- Hazardous to the aquatic environment, long-term (chronic), Cat. 3

H226 Flammable liquid and vapor
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H400 Very toxic to aquatic life
H412 Harmful to aquatic life with long lasting effects

4. FIRST AID MEASURES

4.1 Description of First Aid Methods:

Inhalation: Move to fresh air.

Skin contact: Wash skin thoroughly with soap and water.

Eye contact: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

4.2 Most Important

Symptoms and Effects: The most important known effects are described in Section 2.

4.3 Indications of Immediate Medical Attention or Special Treatment:

Treat symptomatically.

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5 . FIRE AID MEASURES

5.1 Extinguishing media: Use extinguishing measures appropriate to local circumstances and the surrounding environment.

5.2 Special Hazards Arising from Substance: Citric Acid: Carbon oxides

5.3 Advice for Firefighters: None

6 . ACCIDENTAL RELEASE MEASURES

6.1 Personal Protection: Wear appropriate protective clothing – see Section 8.

6.3 Methods for Cleaning Up: Observe possible material restrictions.

7 . HANDLING AND STORAGE

7.1 Precautions for Safe Handling: For precautions see Section 2.

7.2 Conditions for Safe Storage: Store in a cool, well-ventilated place. Keep container tightly closed. Store locked up.

8 . EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters: Not applicable.

8.2 Exposure Controls

Engineering Controls:	Not required.
Eye/Face Protection:	Safety glasses or goggles.
Skin Protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Respiratory Protection:	Not required.

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9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Opaque, white to pale yellow liquid.

Odor: Varies by flavor type.

Odor Threshold: No data available.

pH: 2.5 – 4.0

Melting Point: No data available.

Boiling Point: No data available.

Flash Point: No data available.

Evaporation Rate: No data available.

Flammability: No data available.

Upper/Lower Flammability: No data available.

Vapor Pressure: No data available.

Vapor Density: No data available.

Density (g/mL) 1.00 -1.05

Solubility in Water: Soluble in water.

Partition Coefficient: No data available.

Autoignition Temperature: No data available.

Decomposition Temperature: No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity: No data available.

10.2 Chemical Stability: No data available.

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10.3 Possibility of Hazardous Reactions:

No data available.

10.4 Conditions to Avoid:

Violent reactions possible with the generally known reaction partners of water.

10.5 Incompatible Materials:

Citric Acid: Oxidizing agents, Bases, Reducing agents, Nitrates
Linalool: Strong oxidizing agents

10.6 Hazardous Decomposition Products:

Water: In the event of fire: see Section 5
Linalool: Hazardous decomposition products formed under fire conditions:
- Carbon oxides

11 . TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity:

Not applicable.

11.2 Skin

Corrosion/Irritation:

Not applicable.

11.3 Serious Eye

Damage/Irritation:

Not applicable.

11.4 Respiratory or

Skin Sensitization:

Not applicable.

11.5 Germ Cell

Mutagenicity:

Not applicable.

11.6 Carcinogenicity:

Not applicable.

11.7 Reproductive

Toxicity:

Linalool
Suspected of damaging fertility or the unborn child. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves and eye protection. If exposed or concerned: get medical attention. Store locked up. Dispose of contents in accordance with local, state, federal, and international regulations.

11.8 STOT-Single

Exposure:

Not applicable.

11.9 STOT-Repeated

Exposure:

Not applicable.

11.10 Aspiration

Hazard:

Not applicable.

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12 . ECOLOGICAL INFORMATION

12.1 Toxicity: No data available.

12.2 Persistence and Degradability: No data available.

12.3 Bioaccumulative Potential: No data available.

12.4 Mobility in Soil: No data available.

12.5 Results of PBT And vPvB Assessment: No data available.

12.6 Other Adverse Effects: No data available.

13 . DISPOSAL CONSIDERATIONS

Product disposal: Waste materials must be disposed of in accordance with national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

Container disposal: Waste materials must be disposed of in accordance with national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

14 . TRANSPORT INFORMATION

UN-Number: Non-hazardous for transport.

Class: Non-hazardous for transport.

Shipping name: N/A

Packing group: Non-hazardous for transport.

Marine pollutant: No data available.

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15. REGULATORY INFORMATION

15.1 Safety, Health, and Environmental Regulations:

SARA 311/312 Hazards

- Acute Health Hazard
- Fire Hazard

Right To Know Components: See Section 3.2

15.2 Chemical Safety Assessment:

No data available.

16. OTHER INFORMATION

John I. Haas, Inc. cannot anticipate all conditions under which this information and its product, may be used. It is the user's responsibility to stay current with respect to applicable laws and regulatory investigations and findings, and to ensure safe conditions for use, handling, storage, and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. It is the sole responsibility of the individual(s) purchasing this product to assess its safety in the final application. The information in the sheet was written based on upon current information as of the publish date of this document; the information shall be considered current as of that date. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own uses, processes, and operations. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.

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