

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product Code: 118N10

Product: RIPE STRAWBERRY FRAGRANCE

Version: 1

1. IDENTIFICATION

Product Identifier

Product identifier: RIPE STRAWBERRY FRAGRANCE 118N10

Other identifiers: None

Recommended use of the chemical and restrictions on use

Product uses: Fragrance (Not for food use)

Supplier Details

Company name: Lucta - Flavor & Fragrance Specialties Inc.

Company address: 3 Industrial Ave
Mahwah, NJ 07430
www.lucta.com

Contact: Regulatory Department

E-Mail address: regulatory@lucta.com

Company phone: 201-825-2025 / 800-998-4337

Emergency telephone number

Emergency phone: US/CANADA: 1-800-424-9300
INTERNATIONAL 1-703-741-5970

2. HAZARD IDENTIFICATION

Classification

This product is classified under 29 CFR 1910.1200(d) as follows:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Class and category of danger: Flammable Liquid, Hazard Category 4
Eye Damage / Irritation Category 2

Signal word: Warning

Hazard statements: Combustible liquid.
Causes serious eye irritation.

Pictograms:



Precautionary statements: Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
Wash hands and other contacted skin thoroughly after handling.

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Wear protective gloves/eye protection/face protection.

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.

In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container to approved disposal site, in accordance with local regulations.

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

The specific chemical identities of the ingredients in this mixture are considered to be trade secrets and are withheld in accordance with the provisions of 29 CFR 1910.1200 of the Code of Federal Regulations.

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin exposure: Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.

Ingestion: Rinse mouth with water and obtain medical attention.

Most important symptoms and effects, both acute and delayed

Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

Unsuitable media: No Information Available

Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

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Protective Equipment and Precautions for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

The following constituents are the only hazardous constituents of the product which have a PEL, TLV or other recommended exposure limit.

Name	CAS	Permissible Exposure Limits (PEL)	Value

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Acetic acid	64-19-7	ACGIH TWA (ppm)	10 ppm
		ACGIH STEL (ppm)	15 ppm
		OSHA TWA (ppm)	10 ppm
		OSHA TWA (MGM3)	25 mg/m ³
		NIOSH IDHL (PPM)	10 ppm
		NIOSH IDHL (MGM3)	25 mg/m ³
		NIOSH TWA (ppm)	15 ppm
		NIOSH TWA (mg/m3)	37 mg/m ³
		IDLH-PPM	50 ppm

Other exposure guidelines

No Information Available

Exposure controls

Engineering measures

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face and Skin Protection

Wear protective gloves/eye protection/face protection, and suitable protective clothing

Respiratory protection

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. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical State:	LIQUID
Color:	Refer to Specification Sheet
Odor:	Refer to Specification Sheet
Odor threshold:	Not determined
Melting point / freezing point:	Not determined
Boiling point or initial boiling point and boiling range:	Not determined
Flammability:	Not determined
Lower and upper explosion limit:	Not determined
Flash point:	168.00 °F / 75.56 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not relevant
pH:	Not determined
Kinematic viscosity:	Not determined
Solubility:	Oil Soluble
Partition coefficient: n-octanol/water (log value):	Not determined
Vapor pressure:	Not determined
Specific Gravity @22C:	1.0128 - 1.0228
Vapor Density:	Not determined
Particle Characteristics:	Not determined

Other information:

Refractive Index @ 22C: 1.4357 - 1.4457

10. STABILITY AND REACTIVITY

Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability:

Good stability under normal storage conditions.

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Possibility of hazardous reactions:

Not expected under normal conditions of use.

Conditions to avoid:

Avoid extreme heat.

Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products:

Not expected.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in 29 CFR 1910.1200.

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000 mg/kg
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin 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-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Based on available data the classification criteria are not met.

Additional Information None available

12. ECOLOGICAL INFORMATION

<u>Ecotoxicity:</u>	Not available
<u>Persistence and degradability:</u>	Not available
<u>Bioaccumulative potential:</u>	Not available

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Mobility in soil: Not available

Other adverse effects: Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Dispose of in accordance with local, state and federal regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4. Packing Group:
UN Model Regulations	Not regulated	-	-	-	-
US DOT	Not regulated	-	-	-	-
US DOT (Bulk)	NA1993	COMBUSTIBLE LIQUID, N.O.S. (Ethyl propionate, Ethyl butyrate)	Comb liq	-	III
IMDG	Not regulated	-	-	-	-
ADR,RID,ADN	Not regulated	-	-	-	-
ICAO/IATA	Not regulated	-	-	-	-

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

Environmental hazards: Not environmentally hazardous for transport

Special precautions for user: None additional

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not regulated

15. REGULATORY INFORMATION

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

Complies with Toxic Substances Control Act

Complies with Canadian DSL/NDSL Inventory

Complies with EU Inventory of existing chemical substances

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Complies with Australian Inventory of Chemical Substances

Complies with China Inventory of Existing Chemical Substances

Complies with Korean Existing and Evaluated Chemical Substances

Complies with Philippines Inventory of Chemicals and Chemical Substances

WARNING – This product may pose an inhalation hazard if improperly handled. Please contact your workplace safety officer before opening and handling, and read the SDS. Handling of this product that results

in inhalation of fumes, especially if the product is heated, may cause severe adverse health effects and risk of respiratory injury. Please refer to the FEMA Respiratory Health and Safety

in the Flavor Manufacturing Workplace 2012 update which is available for download at <http://www.femaflavor.org/workplace-safety>.

Additionally volatile flavoring agents, in particular Acetyl Propionyl (2,3-Pentanedione / CAS#600-14-6), if present, may cause lung damage and clinical syndromes associated with bronchiolitis.

Additional information

SARA 311/312 Fire Hazard

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

California Proposition 65

This product does not contain any intentionally added reportable Proposition 65 chemicals above our level of detection. For more information go to <http://www.P65Warnings.ca.gov>

Contains no added diacetyl as an ingredient. But, because diacetyl can occur in small amounts as an artifact of the production process in other ingredients, "No Added Diacetyl" products may not be "Diacetyl Free", as trace amounts may be present.

New Jersey Right To Know - Ingredients reported > 1%

Name	CAS
Ethyl butyrate	105-54-4

Massachusetts Right to Know - Ingredients reported > 1%

Name	CAS
Ethyl butyrate	105-54-4

Pennsylvania Right to Know - Ingredients reported >1%

Name	CAS
Propanol, oxybis-	25265-71-8
Ethyl butyrate	105-54-4
cis-3-Hexenol	928-96-1

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16. OTHER INFORMATION

Issue date: 05/26/2026

Version: 1 Version Date: 03/19/2026

Key to revisions:

Not applicable

The information provided in this Material 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 be valid for such material used in combination with other materials or in any process, unless specified in the text.