

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : February 13, 2023

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Raspberry Lip Balm Flavor
Country of Origin	:	Canada
Product use	:	Flavoring
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Acute Toxicity - Oral - Category 4

Serious eye damage/eye irritation - Category 2A

Hazardous to the aquatic environment - Acute - Category 3

GHS Label elements, including precautionary statements

Signal: Warning

Hazard statement(s)

H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H402	Harmful to aquatic life.

Precautionary statement(s)

P233	Keep container tightly closed.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301	IF SWALLOWED: Immediately call a POISON center or doctor/physician.
P302	IF ON SKIN: Wash with plenty of soap and water.
P402	Store in a dry place.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P501	Dispose of contents and/or container in accordance with local, regional, national and/or international regulation for hazardous wastes.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
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Benzyl Benzoate	120-51-4	-	> = 50 %
Ethyl Vanillin	121-32-4	-	< 5 %
Raspberry Ketone	5471-51-2	-	< 5 %

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Medium to light amber liquid.
Odor	:	Characteristic aroma.
Flash point	:	>93°C
Relative density	:	1.088 to 1.138 @ 20 °C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.534 to 1.584 @ 20 °C

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Incompatible materials

Strong oxidizing agents, strong reducing agents.

Hazardous decomposition products

Carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

IARC

No ingredients are present in the IARC Monographs of Carcinogenic Substances.

Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

Eye contact

Possible irritation should be prevented by wearing safety glasses.

Ingestion

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

Serious eye damage

Chronic exposure to vapours or to product without approved safety glasses or splash goggles may increase the risk of corneal and conjunctival injury.

12. ECOLOGICAL INFORMATION

Ecotoxicity

ETHYL VANILLIN (121-32-4):
LC50 fish 1 87.6 mg/l (LC50; 96 h)

Persistence and degradability

BENZYL BENZOATE (120-51-4):
Readily biodegradable in water.
ETHYL VANILLIN (121-32-4):
Readily biodegradable in water. Forming sediments in water. Photodegradation in the air.
ThOD 1.81 g O₂/g substance
BOD (% of ThOD) 0.529 (5 days; Literature study)
RASPBERRY KETONE (5471-51-2):
Biodegradability in water: no data available.

Bio - accumulative potential

BENZYL BENZOATE (120-51-4):
Low potential for bioaccumulation (Log Kow < 4).
ETHYL VANILLIN (121-32-4):
Low potential for bioaccumulation (Log Kow < 4).
RASPBERRY KETONE (5471-51-2):
Bioaccumulative potential No bioaccumulation data available.

Mobility in soil

BENZYL BENZOATE (120-51-4):
Surface tension 0.027 N/m (210 °C). Low potential for mobility in soil.

Other adverse effects

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

UN Number

1197

UN proper shipping name

Extracts, liquid

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

Not regulated

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IMO-IMDG code

1197

IMDG-Marine pollution

Yes.

IATA Shipping Description (Air)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

Emergency action in case of accident

Notify police and fire department immediately

15. REGULATORY INFORMATION

California Proposition 65

It does not contain any contaminants or by products known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 .

GHS Hazard Statements

Please See Section 2.

GHS Precautionary Statements

Please See Section 2.

16. OTHER INFORMATION

Revision date : February 13, 2023

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Ontario, Canada.