

Product: Butterscotch

Print Date: 2024-02-14

Revised Date: 2024-02-14

1. Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade Name: Butterscotch

1.2 Relevant identified product use

Intended use: Compound used in customer substance/mixture/product

1.3 Details of the manufacturer/supplier of the safety data sheet

Manufacturer: Scent Studio
619 Emperor Street SW
Grand Rapids, MI 49504, USA

1.4 Emergency telephone number

(616) 570-0147 Domestic and International use

2. Hazards Identification**2.1 Classification of the substance or mixture**

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS

Flammable Liquids, Category 4	H227 : Combustible liquid
Acute Toxicity Oral, Category 5	H303 : May be harmful if swallowed
Acute Toxicity Dermal, Category 5	H313 : May be harmful in contact with skin
Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319 : Causes serious eye irritation
Acute Toxicity Inhalation, Category 5	H333 : May be harmful if inhaled
Aquatic Acute Toxicity, Category 3	H402 : Harmful to aquatic life

Classification OSHA (Provisions 1910.1200 of title 29)

Flammable Liquids, Category 4	H227 : Combustible liquid
Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319 : Causes serious eye irritation

Classification Other

Carcinogenicity

This mixture does not contain ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements

Labelling (GHS)

Hazard pictograms



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Signal Word: Warning**Hazard statements**

H227	Combustible liquid
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H402	Harmful to aquatic life

Precautionary Statements**Prevention:**

P235	Keep cool
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment

Response:

P302 + P352	IF ON SKIN: Wash with soap and water
P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P370 + P378	In case of fire: Use Carbon dioxide (CO ₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material

2.3 Other Hazards

no data available

3. Composition/Information on Ingredients**3.1 Mixtures**

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

Name	CAS	%	GHS Classification
Hexylene Glycol	107-41-5	20 - 30 %	H315; H319
Ethyl Vanillin	121-32-4	5 - 10 %	H303; H320; H402
Vanillin	121-33-5	2 - 5 %	H303; H313; H319; H402

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Gamma-Nonalactone	123-11-5	2 - 5 %	H303; H402; H412
Anisaldehyde	123-11-5	1 - 2 %	H226; H401
Isoamyl Butyrate	106-27-4	1 - 2 %	H303; H316
Ethyl Butyrate	105-54-4	1 - 2 %	H226; H319
Rum Ether	8030-89-5	1 - 2 %	H225; H316; H319; H336
Coumarin	91-64-5	1 - 2 %	H301; H317; H402
Veratraldehyde	120-14-9	1 - 2 %	H302; H317; H402
Methylcyclopentenolone	80-71-7	0.1 - 1.0 %	H302; H317; H402
5-Methyl-2-phenyl-2-hexenal	21834-92-4	0.1 - 1.0 %	H317

4. First Aid Measures

4.1 Description of first aid measures

Inhalation:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye Exposure:	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin Exposure:	Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
Ingestion:	Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	no data available
Risks:	Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed Treatment:

None expected, see Section 4.1 for further information

5. Fire-Fighting measures

5.1 Extinguishing media

Suitable:	Carbon dioxide, Dry chemical, Foam
Unsuitable	Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture

During fire fighting:	Water may be ineffective
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5.3 Advice for firefighters

Further information:	In case of insufficient ventilation, wear suitable respiratory equipment.
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6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits: Contains no substances with occupational exposure limit values.

Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Liquid

Odor: Conforms to Standard

Color: Yellow Tint to Pale Yellow (G1-3)

Viscosity: Liquid

Freezing Point: Not determined

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Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	72.78 C
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	1.6389
%VOC:	5.92
Specific Gravity @ 25 C:	0.9580
Density (g/mL) @ 25 C:	0.9550
Refractive Index @ 20 C:	1.4640
Soluble in:	Oil

10. Stability and Reactivity

10.1 Reactivity	Presents no significant reactivity hazard, by itself or in contact with water.
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	None known
10.5 Incompatible materials	Strong oxidizing agents, strong acids, and alkalis.
10.6 Hazardous decomposition products	Not expected.

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 4365.9606) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 4829.3970) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LD50: 41.2811) May be harmful if inhaled
Skin corrosion / irritation	Skin Corrosion / Irritation Category 3
Serious eye damage / irritation	Causes serious eye irritation
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	Sensitization - Skin Category 1
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	Not classified - the classification criteria are not met
Reproductive toxicity	Not classified - the classification criteria are not met
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met
Aspiration hazard	Not classified - the classification criteria are not met

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12. Ecological Information**12.1 Toxicity**

Acute aquatic toxicity	Harmful to aquatic life Not classified - the classification criteria are not met
Chronic aquatic toxicity	no data available
Toxicity Data on soil	no data available
Toxicity on other organisms	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 Other adverse effects	no data available

13. Disposal Conditions**13.1 Waste treatment methods**

Dispose of in accordance with local 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

Marine Pollutant	No
ADR/RID (International Road/Rail) Chemicals NOI	Not Regulated - Not Dangerous Goods
IATA (Air Cargo) Chemicals NOI	Not Regulated - Not Dangerous Goods
IMDG (Sea) Chemicals NOI	Not Regulated - Not Dangerous Goods

15. Regulatory Information**U.S. Federal Regulations**

TSCA (Toxic Substance Control Act)	All components of the substance/mixture are listed or exempt
40 CFR(EPCRA, SARA, CERCLA and CAA)	This product contains NO components of concern.

U.S. State Regulations

California Proposition 65 Warning	No Warning required
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Canadian Regulations

DSL	100.00% of the components are listed or exempt
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16. Other Information**GHS H-Statements referred to under section 3 and not listed in section 2**

H225 : Highly flammable liquid and vapor

H301 : Toxic if swallowed

H316 : Causes mild skin irritation

H320 : Causes eye irritation

H401 : Toxic to aquatic life

H226 : Flammable liquid and vapour

H302 : Harmful if swallowed

H317 : May cause an allergic skin reaction

H336 : May cause drowsiness or dizziness

H412 : Harmful to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk

(121.12) Acute Toxicity Inhalation, Category 5

(4.00) Sensitization, Skin, Category 1A

(3.73) Eye Damage/Eye Irritation, Category 2A

(2.56) Skin Corrosion/Irritation, Category 2

(1.04) Acute Toxicity Dermal, Category 5

(TFV) Risk

(4.00) Sensitization, Skin, Category 1

(3.96) Aquatic Acute Toxicity, Category 3

(3.01) Skin Corrosion/Irritation, Category 3

(1.15) Acute Toxicity Oral, Category 5

(1.00) Sensitization, Skin, Category 1B

Remarks

This safety data sheet is based on the properties of the material known to Scent Studio at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Scent Studio holds no responsibility. This document is not intended for quality assurance purposes.