

# Safety Data Sheet

SDS Type: GHS / EU

DOC ID: 43128.390834.11727349

Product: **Blueberry Blast**

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## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade Name: Blueberry Blast

### 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

### 1.4 Emergency telephone number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands  
+1 813 248-0585 International

## 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 and (EC) No 1272/2008 (CLP)

Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
Sensitization, Skin, Category 1A	H317: May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Aquatic Acute Toxicity, Category 1	H400: Very Toxic to aquatic life
Aquatic Chronic Toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects

#### Classification EU (67/548/EEC, 199/45/EC)

N	Dangerous for the Environment
	R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Xi	Irritant
	R43 : May cause sensitization by skin contact

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

##### Hazard pictograms



Signal Word: **Warning**

##### Hazard statements

H303	May be harmful if swallowed
H317	May cause an allergic skin reaction

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H333	May be harmful if inhaled
H400	Very Toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

### Precautionary Statements

#### Prevention:

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
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
P363	Wash contaminated clothing before reuse
P391	Collect Spillage

### 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):

CAS# Ingredient	EC#	Conc. Range	GHS Classification	EU Classification
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	10 - 20 %	H302; H313; H400; H411	N - R51/53; Xn - R22
54982-83-1 <i>Ethylene dodecanedioate</i>	259-423-6	10 - 20 %	H303; H400; H412	N - R50/53
4940-11-8 <i>Ethyl maltol</i>	225-582-5	2 - 5 %	H302	Xn - R22
78-70-6 <i>Linalool</i>	201-134-4	1 - 2 %	H227; H303; H315; H317; H319; H402	Xi - R38
77-83-8 <i>Ethyl methylphenylglycidate</i>	201-061-8	1 - 2 %	H317; H401; H411	N - R51/53; Xi - R43
104-21-2 <i>p-Anisyl acetate</i>	203-185-8	1 - 2 %	H316; H402	Xi - R38
5405-41-4 <i>Ethyl 3-hydroxybutyrate</i>	226-456-2	1 - 2 %	H226	R10
104-67-6 <i>gamma-Undecalactone</i>	203-225-4	1 - 2 %	H316; H401; H402; H412	N - R51/53
108-64-5 <i>Ethyl isovalerate</i>	203-602-3	1 - 2 %	H226; H315	R10; Xi - R38

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CAS# Ingredient	EC#	Conc. Range	GHS Classification	EU Classification
104-55-2 <i>Cinnamal</i>	203-213-9	1 - 2 %	H303; H312; H315; H317; H319; H401	Xi - R38, R43; Xn - R21
600-14-6 <i>2,3-Pentanedione</i>	209-984-8	0.1 - 1.0 %	H225; H303; H313; H316; H317; H318; H373; H402	F - R11; Xi - R36, R38; Xn - R20
1843-05-6 <i>Methanone, [2-hydroxy-4-(octyloxy)phenyl]phenyl-</i>	217-421-2	0.1 - 1.0 %	H317	ND
23726-91-2 <i>(2E)-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-2-buten-1-one</i>	245-842-1	0.1 - 1.0 %	H303; H315; H317; H401; H411	Xi - R43
120-57-0 <i>Piperonal</i>	204-409-7	0.1 - 1.0 %	H303; H317; H401	Xi - R43
111-80-8 <i>Methyl 2-nonynoate (Methyl octine carbonate)</i>	203-909-2	0.01 - 0.1%	H302; H313; H315; H317; H400; H412	Xi - R43; Xn - R22

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.00

## 4. First Aid Measures

### 4.1 Description of first aid measures

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

### 4.2 Most important symptoms and effects, both acute and delayed

<b>Symptoms:</b>	no data available
<b>Risks:</b>	Refer to Section 2.2 "Hazard Statements"

### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Treatment:</b>	Refer to Section 2.2 "Response"
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## 5. Fire-Fighting measures

### 5.1 Extinguishing media

<b>Suitable:</b>	Carbon dioxide (CO2), Dry chemical, Foam
<b>Unsuitable:</b>	Do not use a direct water jet on burning material

### 5.2 Special hazards arising from the substance or mixture

<b>During fire fighting:</b>	Water may be ineffective
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### 5.3 Advice for firefighters

<b>Further information:</b>	Standard procedure for chemical fires
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## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

### 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 plastic and 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:

Component	ACGIH	ACGIH	OSHA	OSHA
	TWA ppm	STEL ppm	TWA ppm	STEL ppm
600-14-6 <i>2,3-Pentanedione</i>				0

**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:**     Conforms to standard

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<b>Viscosity:</b>	Liquid
<b>Freezing Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flashpoint (CCCFP):</b>	>200 F (93.33 C)
<b>Auto flammability:</b>	Not determined
<b>Explosive Properties:</b>	None Expected
<b>Oxidizing properties:</b>	None Expected
<b>Vapor Pressure (mmHg@20 C):</b>	0.4807
<b>%VOC:</b>	3.9389
<b>Specific Gravity @ 25 C:</b>	Not determined
<b>Density @ 25 C:</b>	Not determined
<b>Refractive Index @ 20 C:</b>	Not determined
<b>Soluble in:</b>	Oil

## 10. Stability and Reactivity

<b>10.1 Reactivity</b>	None
<b>10.2 Chemical stability</b>	Stable
<b>10.3 Possibility of hazardous reactions</b>	None known
<b>10.4 Conditions to avoid</b>	None known
<b>10.5 Incompatible materials</b>	Strong oxidizing agents, strong acids, and alkalis
<b>10.6 Hazardous decomposition products</b>	None known

## 11. Toxicological Information

### 11.1 Toxicological Effects

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

<b>Acute toxicity - Oral - (Rat) mg/kg</b>	(LD50: 3,359.07) May be harmful if swallowed
<b>Acute toxicity - Dermal - (Rabbit) mg/kg</b>	(LD50: 5,677.02) Not classified - the classification criteria are not met
<b>Acute toxicity - Inhalation - (Rat) mg/L/4hr</b>	(LC50: 180.93) May be harmful if inhaled
<b>Skin corrosion / irritation</b>	Not classified - the classification criteria are not met
<b>Serious eye damage / irritation</b>	Not classified - the classification criteria are not met
<b>Respiratory sensitization</b>	Not classified - the classification criteria are not met
<b>Skin sensitization</b>	May cause an allergic skin reaction
<b>Germ cell mutagenicity</b>	Not classified - the classification criteria are not met
<b>Carcinogenicity</b>	Not classified - the classification criteria are not met
<b>Reproductive toxicity</b>	Not classified - the classification criteria are not met
<b>Specific target organ toxicity - single exposure</b>	Not classified - the classification criteria are not met

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<b>Specific target organ toxicity - repeated exposure</b>	Not classified - the classification criteria are not met
<b>Aspiration hazard</b>	Not classified - the classification criteria are not met

## 12. Ecological Information

### 12.1 Toxicity

<b>Acute aquatic toxicity</b>	Very Toxic to aquatic life
<b>Chronic aquatic toxicity</b>	Harmful to aquatic life with long lasting effects
<b>Toxicity Data on soil</b>	no data available
<b>Toxicity on other organisms</b>	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

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

## 14. Transport Information

Regulator		Class	Pack Group	Sub Risk	UN-nr.
<b>U.S. DOT (Non-Bulk)</b>		Not Regulated - Not Dangerous Goods			
Chemicals NOI					
<b>ADR/RID (International Road/Rail)</b>					
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III		UN3082
<b>IATA (Air Cargo)</b>					
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III		UN3082
<b>IMDG (Sea)</b>					
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III		UN3082

## 15. Regulatory Information

### Additional European Regulations:

**European Union (EINECS, ELINCS or NLP):** 100.00% (by Wt) of the components are listed or exempt.

### Additional Asian Regulations:

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<b>Australian AICS:</b>	100.00% (by Wt) of the ingredients on AICS or notified.
<b>Chinese IECS:</b>	100.00% (by Wt) of the ingredients on IECS.
<b>Japan ENCS:</b>	99.85% (by Wt) of the ingredients on ENCS, fall within the 1000 kilogram per annum exemption or have been notified.
<b>Korea KECL:</b>	99.84% (by Wt) of the ingredients on KECL, fall within the 100 kilogram per annum exemption or have been notified.
<b>New Zealand NZloc:</b>	100.00% (by Wt) of the ingredients on NZloc.
<b>Philippines PICCS:</b>	100.00% (by Wt) of the ingredients on PICCS.

The Status of the following ingredient(s) is NOT known for the registration lists noted;

**Lists noted within <> brackets after name**

27538-09-6	248-513-0	0.1 - 1.0 %	2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone : < ENCS, KECL>
23911-56-0		<= 60 ppm	1-(3-Methyl-2-benzofuranyl)ethanone (Nerolione) : < KECL>

## 16. Other Information

**GHS H-Statements referred to under section 3**

H225 : Highly flammable liquid and vapor	H226 : Flammable liquid and vapour
H227 : Combustible liquid	H302 : Harmful if swallowed
H312 : Harmful in contact with skin	H313 : May be harmful in contact with skin
H315 : Causes skin irritation	H316 : Causes mild skin irritation
H317 : May cause an allergic skin reaction	H318 : Causes serious eye damage
H319 : Causes serious eye irritation	H373 : May cause damage to organs through prolonged or repeated exposure
H401 : Toxic to aquatic life	H402 : Harmful to aquatic life
H411 : Toxic to aquatic life with long lasting effects	

**Total Fractional Values**

(TFV) Risk	(TFV) Risk
(100.00) Sensitization, Skin, Category 1A	(1.11) Aquatic Acute Toxicity, Category 1
(8.99) Aquatic Chronic Toxicity, Category 3	

Remarks

This safety data sheet is based on the properties of the material known 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 holds no responsibility. This document is not intended for quality assurance purposes.

