

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

1.1 Product identifier

Trade Name: CRANBERRY

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

Supplier: Village Craft and Candle
158 Queen Street East
St. Marys Ontario N4X 1B5
(519) 284-9900 FAX 519-284-9966
https://villagecraftandcandle.com/

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)

Flammable Liquids, Category 3	H226: Flammable liquid and vapour
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 3	H316: Causes mild skin irritation
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Aquatic Chronic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class II Flammable Liquid
Acute Dermal/Eye	12 : Causes moderate skin irritation. 16 : Causes eye irritation. 9 : Harmful if absorbed through the skin.
Acute Inhalation	25 : Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia.
Acute Oral	2 : Harmful if swallowed
Reproductive/Developmental	39 : Causes reproductive/developmental toxicity in animals.
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, spleen, blood, stomach, brain, bile duct, tongue, mucous membranes, musculo-skeletal system. 28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin
Carcinogenicity	This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA []

Product: **CRANBERRY**

Page 2 of 8
2017-12-21

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: Warning

Hazard statements

H226	Flammable liquid and vapour
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H333	May be harmful if inhaled
H411	Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

P233	Keep container tightly closed
P235	Keep cool
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
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
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing Rinse skin with water/shower
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
P352	Wash with soap and water
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
P391	Collect Spillage

2.3 Other Hazards

no data available

Safety Data Sheet

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	OSHA Classification
77-83-8	201-061-8	10 - 20 %	H317; H401; H411	11, 15
<i>Ethyl methylphenylglycidate</i>				
88-41-5	201-828-7	10 - 20 %	H227; H303; H316; H401; H411	12, 2
<i>2-t-Butylcyclohexyl acetate</i>				
34590-94-8	252-104-2	5 - 10 %	H227	
<i>PPG-2 methyl ether</i>				
141-97-9	205-516-1	5 - 10 %	H227	
<i>Ethyl acetoacetate</i>				
6413-10-1	229-114-0	2 - 5 %	H227; H316	11
<i>Ethyl 2-methyl-1,3-dioxolane-2-acetate (Fructose)</i>				
32210-23-4	250-954-9	2 - 5 %	H303; H317; H401	11, 15
<i>4-tert-Butylcyclohexyl acetate</i>				
120-51-4	204-402-9	2 - 5 %	H302; H313; H400; H411	28, 3
<i>Benzyl Benzoate</i>				
140-11-4	205-399-7	2 - 5 %	H303; H316; H401; H412	15, 25, 26, 31, 39
<i>Benzyl acetate</i>				
1222-05-5	214-946-9	2 - 5 %	H316; H400; H410	11, 15
<i>Hexamethylindanopyran</i>				
91-64-5	202-086-7	2 - 5 %	H302; H317; H402	12, 15, 2, 26, 31, 9
<i>Coumarin</i>				
8030-89-5	232-449-5	2 - 5 %	H225; H316; H319; H336	
<i>Rum ether</i>				
134-20-3	205-132-4	1 - 2 %	H303; H316; H319; H401; H402	11, 15
<i>Methyl anthranilate</i>				
105-54-4	203-306-4	1 - 2 %	H226; H401	11
<i>Ethyl butyrate</i>				
628-63-7	211-047-3	1 - 2 %	H226	



158 Queen St. E.
St. Marys, Ontario N4X 1B5
(519) 284-9900 FAX (519) 284-9966
info@vccandle.com
<https://villagecraftandcandle.com/>

Safety Data Sheet

SDS Type: GHS / OSHA

Product: **CRANBERRY**

Page 4 of 8
2017-12-21

<i>Amyl Acetate</i>				
142-19-8	205-527-1	1 - 2 %	H227; H301; H311; H316; H331; H400;	11, 15, 3
<i>Allyl heptanoate</i>			H412	
121-32-4	204-464-7	1 - 2 %	H303; H320; H402	
<i>Ethyl vanillin</i>				
121-39-1	204-467-3	1 - 2 %	H303; H317	
<i>Ethyl 3-phenylglycidate</i>				
4940-11-8	225-582-5	1 - 2 %	H302	2
<i>Ethyl maltol</i>				

Safety Data Sheet

CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
5471-51-2	226-806-4	1 - 2 %	H402	2
<i>4-(p-Hydroxyphenyl)-2-butanone (p-Hydroxybenzyl acetone)</i>				
104-67-6	203-225-4	1 - 2 %	H316; H401; H402; H412	11
<i>gamma-Undecalactone</i>				
101-86-0	202-983-3	0.1 - 1.0 %	H303; H316; H317; H400; H411	11, 15

Hexyl cinnamaldehyde

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

Inhalation:	Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
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:	Refer to Section 2.2 "Response"
-------------------	---------------------------------

5. Fire-Fighting measures

5.1 Extinguishing media

Suitable:	Carbon dioxide (CO2), 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
------------------------------	--------------------------

5.3 Advice for firefighters

Further information:	Standard procedure for chemical fires
-----------------------------	---------------------------------------

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



158 Queen St. E.
St. Marys, Ontario N4X 1B5
(519) 284-9900 FAX (519) 284-9966
info@vccandle.com
<https://villagecraftandcandle.com/>
major spill.

Safety Data Sheet

Product: **CRANBERRY**

SDS Type: GHS / OSHA

Page 6 of 8
2017-12-21

6.2 Environmental precautions

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

Safety Data Sheet

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		OSHA	
	TWA ppm	STEL ppm	TWA ppm	STEL ppm
34590-94-8 PPG-2 methyl ether	100	150	100	
140-11-4 Benzyl acetate	10			
628-63-7 Amyl Acetate	50	100	100	

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 (G1) to Pale Yellow (G3)
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined

Product: **CRANBERRY**

Page 8 of 8
2017-12-21

Flashpoint (CCCFP):	120 F (48.89 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	3.0728
%VOC:	24.95
Specific Gravity @ 25 C:	0.9925
Density @ 25 C:	0.9895
Refractive Index @ 20 C:	1.4660
Soluble in:	Oil

10. Stability and Reactivity

10.1 Reactivity	None
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	None known

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: 2,876.81) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 3,250.82) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 29.29) May be harmful if inhaled
Skin corrosion/irritation	Causes mild skin irritation
Serious eye damage/irritation	Not classified - the classification criteria are not met
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	May cause an allergic skin reaction
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

Safety Data Sheet

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Not classified - the classification criteria are not met
Chronic aquatic toxicity	Toxic to aquatic life with long lasting effects
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

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.
U.S. DOT (Non-Bulk) Chemicals NOI	Not Regulated - Not Dangerous Goods			
ADR/RID (International Road/Rail)				
Environmentally Hazardous Liquid, n.o.s.	Substance, 9	III		UN3082
IATA (Air Cargo)				
Perfumery Products	3	III	Flammable Liquid	UN1266
Environmentally Hazardous Liquid, n.o.s.	Substance, 9	III		UN3082
IMDG (Sea)				
Perfumery Products	3	III	Flammable Liquid	UN1266
Environmentally Hazardous Liquid, n.o.s.	Substance, 9	III		UN3082

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) 628-63-7 211-047-3 1 - 2 %	This product contains the following components: Amyl Acetate

U.S. State Regulations:

Product: **CRANBERRY**Page 10 of
8**California Proposition 65 Warning**
Canadian Regulations:

No Warning required

DSL / NDSL

100.00% of the components are listed or exempt.

16. Other Information**GHS H-Statements referred to under section 3****Total Fractional Values**

(TFV) Risk

(2.80) Skin Corrosion/Irritation, Category 3

(2.38) Aquatic Chronic Toxicity, Category 2

(TFV) Risk

(180.00) Sensitization, Skin, Category 1B

Department E-mail address:info@vccandle.com

Remarks

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