

Passionate Kisses Type

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Passionate Kisses Type

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Perfume ingredient. Not for use in food or feed.

1.3. Supplier

AAA Candle Supplies, Inc.
10460 Brockwood Rd
Dallas, Texas 75238
T (214) 342-9898
www.AAACandleSupply.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquids Category 3	H226	Flammable liquid and vapor.
Skin corrosion/irritation Category 2	H315	Causes skin irritation
Serious eye damage/eye irritation Category 2	H319	Causes serious eye irritation
Skin sensitization, Category 1	H317	May cause an allergic skin reaction
Germ cell mutagenicity Category 2	H341	Suspected of causing genetic defects
Carcinogenicity Category 2	H351	Suspected of causing cancer
Specific target organ toxicity (single exposure) Category 2	H371	May cause damage to organs

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

Flammable liquid and vapor.
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
Suspected of causing genetic defects
Suspected of causing cancer
May cause damage to organs

Precautionary statements (GHS US) :

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe mist, vapors and spray.
Wash hands, forearms and face thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves, protective clothing, eye and face protection
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical attention.
If skin irritation or rash occurs: Get medical attention.
If eye irritation persists: Get medical attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use media other than water to extinguish.
Store in a well-ventilated place. Keep cool.

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Store locked up.

Dispose of contents and container in accordance with applicable regulations.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%*	GHS US classification
benzyl benzoate	(CAS-No.) 120-51-4	5 – 20	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
alpha-hexylcinnamaldehyde	(CAS-No.) 101-86-0	5 – 20	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Orange terpenes	(CAS-No.) 8028-48-6	5 – 20	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
benzaldehyde	(CAS-No.) 100-52-7	< 5	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Muta. 2, H341 STOT SE 2, H371 STOT SE 3, H336 STOT SE 3, H335
4-methoxybenzaldehyde	(CAS-No.) 123-11-5	< 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
cinnamaldehyde	(CAS-No.) 104-55-2	< 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
coumarin	(CAS-No.) 91-64-5	< 5	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT RE 2, H373
benzophenone	(CAS-No.) 119-61-9	< 5	Carc. 2, H351 STOT RE 2, H373 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde	(CAS-No.) 31906-04-4	< 5	Skin Sens. 1A, H317 Aquatic Acute 3, H402

*Exact concentrations have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: If exposed or concerned: Get medical attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water or shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

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4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapor.

Reactivity : Flammable liquid and vapor.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Do not breathe mist, vapors and spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Do not breathe mist, vapors and spray.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground and bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

None established for components

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Color : Light yellow

Odor : Characteristic – Passionate Kisses Type Fragrance

Odor threshold : No data available

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pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 95 °F
Flash point	: > 115 °F
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity	No data available
Relative density	: No data available
Solubility	: Insoluble in water. Soluble in oil. Soluble in organic solvents.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

4-methoxybenzaldehyde (123-11-5)	
LD50 oral rat	1510 mg/kg (Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)
ATE US (oral)	1510 mg/kg body weight

benzaldehyde (100-52-7)	
LD50 oral rat	1300 mg/kg (Rat)
LD50 dermal rat	1250 mg/kg (Rat)
LD50 dermal rabbit	5000 mg/kg (Rabbit)
ATE US (oral)	1300 mg/kg body weight
ATE US (dermal)	1250 mg/kg body weight

benzophenone (119-61-9)	
LD50 oral rat	> 10000 mg/kg (Rat)
LD50 dermal rabbit	3535 mg/kg (Rabbit)
ATE US (oral)	2895 mg/kg body weight

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benzophenone (119-61-9)	
ATE US (dermal)	3535 mg/kg body weight
benzyl benzoate (120-51-4)	
LD50 oral rat	1870 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; >2000 mg/kg bodyweight; Rat)
LD50 dermal rat	4400 mg/kg (Rat)
LD50 dermal rabbit	4000 mg/kg (Rabbit; Experimental value; Modification of Draize 1959 method; >2; Rabbit)
ATE US (oral)	1500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight
cinnamaldehyde (104-55-2)	
LD50 oral rat	2220 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	1100 mg/kg body weight
coumarin (91-64-5)	
LD50 oral rat	300 – 900 mg/kg (Rat)
ATE US (oral)	300 mg/kg body weight
alpha-hexylcinnamaldehyde (101-86-0)	
LD50 oral rat	3100 mg/kg (Rat)
LD50 dermal rabbit	> 3000 mg/kg (Rabbit)
ATE US (oral)	3100 mg/kg body weight
4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde (31906-04-4)	
LD50 oral rat	3218 mg/kg (Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)
ATE US (oral)	3218 mg/kg body weight
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Suspected of causing genetic defects.
Carcinogenicity	: Suspected of causing cancer.
benzophenone (119-61-9)	
IARC group	2B - Possibly carcinogenic to humans
coumarin (91-64-5)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause damage to organs.
benzaldehyde (100-52-7)	
STOT-single exposure	May cause damage to organs. May cause drowsiness or dizziness. May cause respiratory irritation.
Orange terpenes (8028-48-6)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
benzophenone (119-61-9)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
coumarin (91-64-5)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

4-methoxybenzaldehyde (123-11-5)	
LC50 fish 1	220 mg/l (LC50; 96 h)
EC50 Daphnia 1	83 mg/l (EC50; 48 h)
Threshold limit algae 1	43 mg/l (EC50; 72 h)

benzaldehyde (100-52-7)	
LC50 fish 1	1.1 mg/l (96 h; <i>Lepomis macrochirus</i>)
EC50 Daphnia 1	50 mg/l (24 h; <i>Daphnia magna</i>)
EC50 other aquatic organisms 1	534 mg/l (5 h; Bacteria; Activated sludge)
LC50 fish 2	11.2 mg/l 96 h; <i>Salmo gairdneri</i> (<i>Oncorhynchus mykiss</i>)
Threshold limit other aquatic organisms 1	132 mg/l (<i>Pseudomonas putida</i>)
Threshold limit algae 1	100 mg/l (336 h; <i>Chlorella</i> sp.; Inhibitory)
Threshold limit algae 2	34 mg/l (<i>Scenedesmus quadricauda</i>)

benzophenone (119-61-9)	
EC50 Daphnia 1	0.27 mg/l (EC50; 24 h)
LC50 fish 2	15.3 mg/l (LC50; 96 h)

coumarin (91-64-5)	
LC50 fish 1	56 mg/l (LC50; 96 h)
EC50 Daphnia 1	135 mg/l (EC50; 48 h)

12.2. Persistence and degradability

4-methoxybenzaldehyde (123-11-5)	
Persistence and degradability	Readily biodegradable in water.

benzaldehyde (100-52-7)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil.
Biochemical oxygen demand (BOD)	1.62 g O ₂ /g substance
Chemical oxygen demand (COD)	1.98 g O ₂ /g substance
ThOD	2.42 g O ₂ /g substance
BOD (% of ThOD)	0.67 % ThOD

benzophenone (119-61-9)	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil.
BOD (% of ThOD)	0.12

benzyl benzoate (120-51-4)	
Persistence and degradability	Readily biodegradable in water. Low potential for mobility in soil.

cinnamaldehyde (104-55-2)	
Persistence and degradability	Readily biodegradable in water.

coumarin (91-64-5)	
Persistence and degradability	Readily biodegradable in water. Photolysis in the air.

alpha-hexylcinnamaldehyde (101-86-0)	
Persistence and degradability	Readily biodegradable in water.

4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde (31906-04-4)	
Persistence and degradability	Readily biodegradable in water.

Orange terpenes (8028-48-6)	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

4-methoxybenzaldehyde (123-11-5)	
Partition coefficient n-octanol/water (Log Pow)	1.5
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

benzaldehyde (100-52-7)	
BCF other aquatic organisms 1	4.2 – 7.8 (Estimated value)

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benzaldehyde (100-52-7)	
Partition coefficient n-octanol/water (Log Pow)	1.48 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
benzophenone (119-61-9)	
BCF fish 1	3.4 – 12 (BCF)
Partition coefficient n-octanol/water (Log Pow)	3.18 – 3.38
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
benzyl benzoate (120-51-4)	
BCF fish 1	2286 (BCF; BCFBAF v3.00; Pisces)
Partition coefficient n-octanol/water (Log Pow)	3.88 – 4
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
cinnamaldehyde (104-55-2)	
Partition coefficient n-octanol/water (Log Pow)	1.9 – 2.22
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
coumarin (91-64-5)	
BCF fish 1	< 10 (BCF; 72 h)
BCF other aquatic organisms 1	42 (BCF; 24 h; Chlorella sp.)
Partition coefficient n-octanol/water (Log Pow)	1.39
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
alpha-hexylcinnamaldehyde (101-86-0)	
BCF other aquatic organisms 1	3120 (BCF)
Partition coefficient n-octanol/water (Log Pow)	4.7
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).
4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde (31906-04-4)	
Bioaccumulative potential	No bioaccumulation data available.
Orange terpenes (8028-48-6)	
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

benzaldehyde (100-52-7)	
Surface tension	0.04 N/m (20 °C)
benzophenone (119-61-9)	
Surface tension	0.042 N/m (50 °C)
benzyl benzoate (120-51-4)	
Surface tension	0.027 N/m (210 °C)
Partition coefficient n-octanol/water (Log Koc)	log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC); 3,8; Experimental value

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Transport document description : NA1993 Combustible liquid, n.o.s. (terpene hydrocarbons), Comb Liq, III
UN-No.(DOT) : NA1993
Proper Shipping Name (DOT) : Combustible liquid, n.o.s.
terpene hydrocarbons

Class (DOT) : Comb Liq - Combustible liquid
Packing group (DOT) : III - Minor Danger
Other information : Not regulated in non-bulk containers (<=119 gallon capacity) per 49CFR173.150(f).

Transport by sea

Transport document description (IMDG) : UN 1993 FLAMMABLE LIQUID, N.O.S. (terpene hydrocarbons), 3, III

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UN-No. (IMDG) : 1993
Proper Shipping Name (IMDG) : FLAMMABLE LIQUID, N.O.S.
Class (IMDG) : 3 - Flammable liquids
Packing group (IMDG) : III - substances presenting low danger
Limited quantities (IMDG) : 5 L

Air transport

Transport document description (IATA) : UN 1993 Flammable liquid, n.o.s. (terpene hydrocarbons), 3, III
UN-No. (IATA) : 1993
Proper Shipping Name (IATA) : Flammable liquid, n.o.s.
Class (IATA) : 3 - Flammable Liquids
Packing group (IATA) : III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

No additional information available

15.3. US State regulations

⚠ WARNING: This product can expose you to benzophenone, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Name	CAS-No.	U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
benzophenone	119-61-9	X	--	--	--	--	--

Component	State or local regulations
benzaldehyde(100-52-7)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

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Full text of H-phrases:

H226	Flammable liquid and vapor.
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H320	Causes eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
H371	May cause damage to organs
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.