

Safety Data Sheet



1. Identification

| | | | |
|-------------------------------|---|-------------------------|-----------|
| Product Code: | 8094 | | |
| Product Name: | BLUSH | | |
| Recommended Use: | Fragrance for Microdifusers | Validation Date: | 6/20/2017 |
| Supplied by: | AromaQuest Systems, LLC. 3325 NW 70th Ave., Miami, FL 33122, USA. +1-305-521-9077 E-Mail: techdept@aromaquest.com | Supersedes Date: | New SDS |
| Reason for revision: | Not Applicable: First Issue | | |
| Datasheet produced by: | Technical Department | | |
| In Case Of Emergency: | Chemtel: Continental US: +1-800-255-3924 International: +1-813-248-0573 | | |

2. Hazards Identification

GHS Classification

Acute Tox. 4 Oral, Flam. Liq. 4, Skin Sens. 1

Symbol(s) of Product



Signal Word

Warning

Possible Hazards

14% of the mixture consists of ingredients of unknown acute toxicity

GHS Hazard Statements

| | | |
|----------------------------------|------|--------------------------------------|
| Flammable Liquid, category 4 | H227 | Combustible liquid |
| Acute Toxicity, Oral, category 4 | H302 | Harmful if swallowed. |
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |

GHS Label Precautionary Statements

| | |
|-----------|--|
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |

GHS SDS Precautionary Statements

| | |
|------|--|
| P270 | Do no eat, drink or smoke when using this product. |
| P363 | Wash contaminated clothing before reuse. |

3. Composition/Information on Ingredients

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|---|----------------|--------------|-----------------------|-----------------------|
| Benzyl benzoate | 120-51-4 | 15-25 | GHS07 | H302 |
| Phenylmethanal | 100-52-7 | 3- 10 | GHS07 | H302-312 |
| Orange oil | 8008-57-9 | 0.5-4 | GHS02-GHS07- GHS08 | H226-304-315-317 |
| Cyclohexanol, 4-(1,1-dimethylethyl)-, acetate | 32210-23-4 | 0.5-4 | GHS07 | H317 |
| Eugenol | 97-53-0 | 0.3-1 | GHS07 | H302-319-317 |
| Decanal | 112-31-2 | 0.3-1 | GHS07 | H227-319 |
| Terpenes and terpenoids, lime-oil | 68917-71-5 | 0.3-1 | GHS02-GHS07- GHS08 | H226-304-315-317 |
| Citral | 5392-40-5 | 0.3-1 | GHS07 | H315-317 |
| 2-Methylundecanal | 110-41-8 | 0.3-1 | GHS07 | H227-315-317 |
| 1,3-Benzodioxole-5-carboxaldehyde | 120-57-0 | 0.3-1 | GHS07 | H317 |
| 3-Hexen-1-ol, (Z)- | 928-96-1 | 0.3-1 | GHS02-GHS07 | H226-319 |
| Raspberry ketone | 5471-51-2 | 0.3-1 | GHS07 | H302 |
| Methane, 1,1'-thiobis- | 75-18-3 | 0.1 | GHS02-GHS07 | H302-225-319 |
| Dipropylene Glycol Methyl Ether Acetate | 88917-22-0 | 20-55 | GHS07 | H227-315-319 |
| Ethanol | 64-17-5 | 3-10 | GHS02-GHS07 | H225-302-319 |

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

ADDITIONAL GHS STATEMENTS:

Dimethyl sulfide: H316

4. First-aid Measures

First Aid - Inhalation: Remove to fresh air and seek medical assistance if necessary.

First Aid - Skin Contact: Remove contaminated clothing and shoes. Wash with mild soap and water. Seek medical attention if necessary.

First Aid - Eye Contact: Remove contact lenses. Flush eyes with cool water for at least 15 minutes. If irritation persists, seek medical attention.

First Aid - Ingestion: Rinse mouth. Do not induce vomiting. Drink water. Consult a physician.

5. Fire-fighting Measures

Unusual Fire and Explosion Hazards: None known.

Special Firefighting Procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Suitable Extinguishing Media: Water spray/mist, Foam, Carbon Dioxide (CO₂), and Dry Chemical. Water may be used to cool off containers.

Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.

6. Accidental Release Measures

Precautionary Measures: Use personal protective equipment. Remove all sources of ignition. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

Environmental Measures: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Materials for Containment and Cleaning Up: Contain material. Collect using solid absorbent material and place into appropriate waste container for disposal according to local regulations (See section 13). Keep in suitable, closed containers for disposal.

7. Handling and Storage

Handling: Keep away from heat and flame. Use with adequate ventilation. For industrial use only.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure Controls/Personal Protection

Respiratory Protection: Proper ventilation, engineering controls, such as local exhaust ventilation, and if necessary, a NIOSH certified respirator with appropriate cartridges is highly recommended.

Skin Protection: Chemical resistant gloves recommended.

Eye Protection: Wear safety glasses with side shields or goggles.

Hygienic Practices: Always observe good personal hygiene measures, such as washing your hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and Chemical Properties

| | | | |
|--------------------------------------|----------------------|---|-----------------|
| Appearance: | CLEAR LIQUID | Physical State: | Liquid |
| Odor: | Conforms to Standard | Odor Threshold: | Not Established |
| Specific Gravity (typical): | 0.98 | pH: | Not Measured |
| Freeze Point, °C: | Not Applicable | Viscosity: | Not Measured |
| Solubility in Water: | INSOLUBLE | Partition Coefficient, n-octanol/ water: | Not Measured |
| Decomposition temperature, °C | Not Measured | | |
| Initial Boiling Point, °C: | 33 | Explosive Limits, %: | Not Measured |
| | | Flash Point, °C / °F (Closed Cup): | 76 / 168 |
| Evaporation Rate: | Not Measured | Auto-Ignition Temperature, °C | Not Measured |
| Vapor Density: | Not Measured | Vapor Pressure, mmHg: | Not Measured |

10. Stability and Reactivity

Stability: Material is stable under normal conditions.

Reactivity: The product is non-reactive under normal conditions of use, storage, and transport

Conditions to Avoid: Heat, flames and sparks. Extremes of temperature and direct sunlight.

Incompatibility: Keep away from strong oxidizing agents, heat and open flames.

Hazardous Decomposition Products: When heated, may produce unpleasant fumes and/or smoke. Combustion may produce Carbon Monoxide and/or Carbon Dioxide.

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

11. Toxicological Information

Effect of Overexposure - Inhalation: No adverse effects due to inhalation are expected under normal use.

Effect of Overexposure - Skin Contact: Not expected to cause skin problems under normal use conditions.

Effect of Overexposure - Eye Contact: Not expected to cause eye problems under normal use conditions.

Effect of Overexposure - Ingestion: Under normal use conditions, this product is not expected to cause adverse health effects.

Carcinogenicity: This product does not contain any carcinogenic substances as classified by IARC, NTP, ACGIH or OSHA.

Primary Route(s) of Entry: Inhalation

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|---|------------------|--------------------|-------------------|
| 120-51-4 | Benzyl benzoate | 500 mg/kg Rat | 4000 mg/kg Rabbit | N.I. |
| 100-52-7 | Phenylmethanal | 1292 mg/kg Rat | >1250 mg/kg Rabbit | N.I. |
| 8008-57-9 | Orange oil | 4400 mg/kg Rat | N.I. | N.I. |
| 32210-23-4 | Cyclohexanol, 4-(1,1-dimethylethyl)-, acetate | 5000 mg/kg Rat | N.I. | N.I. |
| 141-97-9 | Ethyl acetoacetate | 3980 mg/kg Rat | >5000 mg/kg Rabbit | N.I. |
| 140-11-4 | Phenylmethyl acetate | 2490 mg/kg Rat | >5000 mg/kg Rabbit | N.I. |
| 97-53-0 | Eugenol | 1930 mg/kg Rat | N.I. | N.I. |
| 5392-40-5 | Citral | 4950 mg/kg Rat | 2250 mg/kg Rabbit | N.I. |
| 75-18-3 | Methane, 1,1'-thiobis- | 535 mg/kg Rat | >5000 mg/kg Rabbit | N.I. |

N.I. = No Information

12. Ecological Information

Ecological Information: Normal recommended use releases little of the product to the environment. Responsible manufacturing applications should include provisions for spill containment and measures to control loss of volatiles.

13. Disposal Information

Disposal Method: Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with material or used container. Dispose of material in accordance with applicable federal, state and local regulations.

14. Transport Information

| Regulatory Information | UN / NA Number: | Proper Shipping Name: | Class: | Packing Group: | Label | Additional Info |
|------------------------|-----------------|-----------------------|--------|----------------|-------|-----------------|
| PHMSA / DOT | N/A | N/A | N/A | N/A | N/A | N/A |
| ICAC / IATA | N/A | N/A | N/A | N/A | N/A | N/A |
| IMO / IMDG | N/A | N/A | N/A | N/A | N/A | N/A |
| CANUTEC / TDG | N/A | N/A | N/A | N/A | N/A | N/A |
| ADR / RID | N/A | N/A | N/A | N/A | N/A | N/A |

15. Regulatory Information

VOC Regulations: This product complies with the Volatile Organic Compounds (VOC) limits of the United States Environmental Protection Agency (EPA) Federal Rules for institutional and consumer products, the California Air Resources Board (CARB) and other states adopting the OTC rules for VOC.

16. Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

| | |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| 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. |

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. AromaQuest and its Affiliates shall not be held liable for any damage resulting from the handling or from contact with the above product.