Safety Data Sheet

Product: Baby Powder Perfume Oil
SKU#: pbaby

1. Identification of the substance/mixture and of the company/undertaking
1.1 Product identifier
Trade Name: Baby Powder Perfume Oil
Product/Sales No: pbaby
1.2 Relevant indentified product use
Intended use: Compound used in customer substance/mixture/product
1.3 Details of the manufacturer/supplier of the safety data sheet
Manufacturer:
The Essential Oil Company
8225 SE 7th Ave
Portland, OR 97202 USA
(503) 872-8772 FAX 503-872-8767
http://www.essentialoil.com
1.4 Emergency telephone number
(800) 729-5912 Domestic USA, Canada, Puerto Rico, and US Virgin Islands

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 Regulation (EC) No 1272/2008
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 1B H317: May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 1 H318: Causes serious eye damage
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 2 H411: Toxic 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
R36 : Irritating to eyes
R38 : Irritating to skin
R43 : May cause sensitization by skin contact
Xn Harmful
R22 : Harmful if swallowed
2.2 Label elements
Labeling (REGULATION (EC) No 1272/2008)
Hazard pictograms
Signal Word: Danger
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
Labeling (REGULATION (EC) No 1272/2008) continued
H318 Causes serious eye damage
H333 May be harmful if inhaled
H400 Very Toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects
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
P310 Immediately call a POISON CENTER or doctor/physician
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
P362 Take off contaminated clothing and wash before reuse
P363 Wash contaminated clothing before reuse
P370 + P378 In case of fire: Use Carbon dioxide (CO2), 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
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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS#</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Classification</th>
<th>EU Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl Benzoate</td>
<td>120-51-4</td>
<td>204-402-9</td>
<td>20 - 30 %</td>
<td>H302; H313; H400; H411</td>
<td>N - R51/53; Xn - R22</td>
</tr>
<tr>
<td>Anisaldehyde</td>
<td>123-11-5</td>
<td>204-602-6</td>
<td>10 - 20 %</td>
<td>H303; H316; H402</td>
<td></td>
</tr>
<tr>
<td>phenethyl alcohol</td>
<td>60-12-8</td>
<td>200-456-2</td>
<td>10 - 20 %</td>
<td>H302; H313; H316; H319</td>
<td>Xn - R22</td>
</tr>
<tr>
<td>Piperonal</td>
<td>120-57-0</td>
<td>204-409-7</td>
<td>5 - 10 %</td>
<td>H303; H317; H401</td>
<td></td>
</tr>
<tr>
<td>Benzyl acetate</td>
<td>140-11-4</td>
<td>205-399-7</td>
<td>5 - 10 %</td>
<td>H227; H303; H316; H401</td>
<td></td>
</tr>
<tr>
<td>a-Isomethyl ionone</td>
<td>127-51-5</td>
<td>204-846-3</td>
<td>5 - 10 %</td>
<td>H315; H317; H320; H401; H411</td>
<td>N - R51/53; Xn - R22</td>
</tr>
<tr>
<td>Compound</td>
<td>CAS Number</td>
<td>%</td>
<td>wt%</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
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<td></td>
</tr>
<tr>
<td>Vanillin</td>
<td>121-33-5</td>
<td></td>
<td>5 - 10 %</td>
<td>H303; H319</td>
<td>Xi - R36</td>
</tr>
<tr>
<td>alpha-Terpineol</td>
<td>98-55-5</td>
<td></td>
<td>2 - 5 %</td>
<td>H227; H303; H315; H319; H401</td>
<td>Xi - R36, R38</td>
</tr>
<tr>
<td>Coumarin</td>
<td>91-64-5</td>
<td></td>
<td>2 - 5 %</td>
<td>H302; H317; H402</td>
<td>Xi - R43; Xn - R22</td>
</tr>
<tr>
<td>Geraniol</td>
<td>106-24-1</td>
<td></td>
<td>2 - 5 %</td>
<td>H303; H315; H317; H318; H401</td>
<td>Xi - R38, R41, R43</td>
</tr>
<tr>
<td>Ethylene brassylate</td>
<td>105-95-3</td>
<td></td>
<td>2 - 5 %</td>
<td>H401; H411</td>
<td>N - R51/53</td>
</tr>
<tr>
<td>Citrus aurantium</td>
<td>68647-72-3</td>
<td></td>
<td>2 - 5 %</td>
<td>H226; H304; H315; H317; H400; H410</td>
<td>R10; N - R50/53; Xi - R38, R43</td>
</tr>
<tr>
<td>Tetramethyl Acetyloctahydronaphthalenes</td>
<td>54464-57-2</td>
<td></td>
<td>2 - 5 %</td>
<td>H315; H317; H400; H410</td>
<td>N - R51/53; Xi - R38, R43</td>
</tr>
<tr>
<td>Methyl cinnamate</td>
<td>103-26-4</td>
<td></td>
<td>2 - 5 %</td>
<td>H303; H317</td>
<td>Xi - R43</td>
</tr>
<tr>
<td>Nerol</td>
<td>106-25-2</td>
<td></td>
<td>1 - 2 %</td>
<td>H303; H315; H317; H319; H402</td>
<td>Xi - R36, R38, R43</td>
</tr>
<tr>
<td>Methyl phenylacetate</td>
<td>101-41-7</td>
<td></td>
<td>1 - 2 %</td>
<td>H227; H303; H313; H316</td>
<td></td>
</tr>
<tr>
<td>Lemon oil terpenes</td>
<td>68917-33-9</td>
<td></td>
<td>1 - 2 %</td>
<td>H226; H304; H315; H400; H410</td>
<td>R10; N - R50/53; Xi - R38, R43</td>
</tr>
<tr>
<td>p-Methylanisole</td>
<td>104-93-8</td>
<td></td>
<td>0.1 - 1.0 %</td>
<td>H226; H302; H315; H361; H402; H412</td>
<td>R10, R52/53; Xi - R38; Xn - R22,R63</td>
</tr>
<tr>
<td>IsoButenyl Methyltetrahydropyan</td>
<td>16409-43-1</td>
<td></td>
<td>0.1 - 1.0 %</td>
<td>H227; H303; H315; H319; H361; H402</td>
<td>Xi - R38; Xn - R62</td>
</tr>
</tbody>
</table>

Total Hydrocarbon Content (% w/w) = 4.14
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 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:

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TWA ppm</th>
<th>ACGIH STEL ppm</th>
<th>OSHA TWA ppm</th>
<th>OSHA STEL ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl acetate</td>
<td>10</td>
<td>4</td>
<td>11</td>
<td>11</td>
</tr>
</tbody>
</table>

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: Conforms to Standard
Odor: Conforms to Standard
Color: Nearly Colorless G0
Viscosity: Liquid
Freezing Point: Not determined
Boiling Point: Not determined
Melting Point: Not determined
Flashpoint: 190 F (87.78 C)
Auto flammability: Not determined
Explosive Properties: None Expected
Oxidizing properties: None Expected
Vapor Pressure (mmHg@20 C): 0.0629
%VOC: 12.7882
Specific Gravity @ 25 C: 1.0560
Density @ 25 C: 1.0530
Refractive Index @ 20 C: 1.5370
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: 2,197.80) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg (LD50: 2,051.82) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr (LC50: 53.59) May be harmful if inhaled
Skin corrosion / irritation Causes skin irritation
Serious eye damage / irritation Causes serious eye damage
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

12. Ecological Information
12.1 Toxicity
Acute aquatic toxicity Very Toxic to aquatic life
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) Not Regulated - Not Dangerous Goods
Chemicals NOI
ADR/RID (International Road/Rail)
Environmentally Hazardous Substance,
Liquid, n.o.s.
9 III UN3082
IATA (Air Cargo)
Environmentally Hazardous Substance,
Liquid, n.o.s.
9 III UN3082
IMDG (Sea)
Environmentally Hazardous Substance,
Liquid, n.o.s.
9 III UN3082
15. Regulatory Information
Additional European Regulations:
Additional Asian Regulations:
Australian AICS: Status Undetermined
Chinese IECS: Status Undetermined
Japan ENCS: Status Undetermined
Korea KECL: Status Undetermined
New Zealand NZIoC: Status Undetermined
Philippines PICCS: Status Undetermined
The Status of the following ingredient(s) is NOT known for the registration lists noted;
NONE
16. Other Information
GHS H-Statements referred to under section 3
Total Fractional Values
(2.42) Skin Corrosion/Irritation, Category 2 (7.00) Sensitization, Skin, Category 1B
(1.29) Eye Damage/Eye Irritation, Category 1 (1.17) Aquatic Acute Toxicity, Category 1
(4.19) Aquatic Chronic Toxicity, Category 2
Remarks
This safety data sheet is based on the properties of the material known to The Essential Oil Company 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 The Essential Oil Company holds no responsibility. This
document is not intended for quality assurance purposes.