SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Name: Ginger Pomelo Fragrance Oil
   Product Code: 303-388X

1.2 Intended Use: Compound used in customer substance/mixture/product.

1.3 Supplier: Majestic Mountain Sage Inc
   2490 S 1350 W
   Nibley, 84321 - United States of America
   T 435.755.0863 - F 435.755.2108
   www.TheSage.com

1.4 Emergency Telephone Number
   No additional information available

SECTION 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 4
  - H227: Combustible liquid.

- Acute Toxicity Oral, Category 5
  - H303: May be harmful if swallowed.

- Aspiration Hazard, Category 1
  - H304: May be fatal if swallowed and enters airways.

- 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 1A
  - 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 OSHA (Provision 1910.1200 of title 29)**

**Flammability**  
Class IIIA Combustible Liquid.

**Acute Dermal/Eye**  
12: Causes skin irritation.  
15: May cause eye irritation.

**Acute Oral**  
3: May be harmful if swallowed or if aspirated into the lungs.

**Sensitization/Allergic Response**  
31: May cause allergic skin reaction.

**Target Organ Effects**  
26: Prolonged or repeated ingestion may cause damage to: kidneys, liver.  
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 [ ]

**2.2 Label Elements**

**Labeling (REGULATION (EC) No 1272/2008)**

**Hazard Pictograms**

![Pictograms]

**Signal Word:** Danger

**Hazard Statements**

- H227: Combustible liquid.
- H303: May be harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H313: May be harmful in contact with skin.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- 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:

P301+P310+P331  IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
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
3.1 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):

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>120-51-4</td>
<td>204-402-9</td>
<td>20-30%</td>
<td>H302; H313; H400; H411</td>
<td>28, 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Benzyl Benzoate</strong></td>
<td></td>
</tr>
<tr>
<td>68647-72-3</td>
<td>232-433-8</td>
<td>10-20%</td>
<td>H226; H304; H315; H317; H319; H402</td>
<td>12, 3, 31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Limonene</strong></td>
<td></td>
</tr>
<tr>
<td>24851-98-7</td>
<td>246-495-9</td>
<td>10-20%</td>
<td>H402</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Methylidihydrojasmonate</strong></td>
<td></td>
</tr>
<tr>
<td>103-60-6</td>
<td>203-127-1</td>
<td>5-10%</td>
<td>H316</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>2-Phenoxyethyl isobutyrate</strong></td>
<td></td>
</tr>
<tr>
<td>78-70-6</td>
<td>201-134-4</td>
<td>5-10%</td>
<td>H227; H303; H315; H317; H319; H402</td>
<td>12, 26</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Linalool</strong></td>
<td></td>
</tr>
<tr>
<td>93-92-5</td>
<td>202-288-5</td>
<td>2-5%</td>
<td>H227; H402</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>methylbenzyl acetate</strong></td>
<td></td>
</tr>
<tr>
<td>104-67-6</td>
<td>203-225-4</td>
<td>2-5%</td>
<td>H316; H401; H402; H412</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>gamma-Undecalactone</strong></td>
<td></td>
</tr>
<tr>
<td>8016-20-4</td>
<td>289-904-6</td>
<td>2-5%</td>
<td>H226; H304; H315; H317; H400; H410</td>
<td>12, 3, 31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Citrus grandis peel oil</strong></td>
<td></td>
</tr>
<tr>
<td>CAS #</td>
<td>EC#</td>
<td>Concentration Range</td>
<td>GHS Class.</td>
<td>OSHA Class.</td>
</tr>
<tr>
<td>-------</td>
<td>-----------</td>
<td>---------------------</td>
<td>------------</td>
<td>-------------</td>
</tr>
<tr>
<td>115-95-7</td>
<td>204-116-4</td>
<td>2-5%</td>
<td>H227; H315; H317; H319; H402</td>
<td></td>
</tr>
<tr>
<td><strong>Linalyl acetate</strong></td>
<td>105-87-3</td>
<td>1-2%</td>
<td>H315; H317; H401; H412</td>
<td>11, 15</td>
</tr>
<tr>
<td>106-24-1</td>
<td>203-377-1</td>
<td>1-2%</td>
<td>H303; H315; H317; H318; H402</td>
<td>11, 15, 31</td>
</tr>
<tr>
<td><strong>Geranyl acetate</strong></td>
<td>105-95-3</td>
<td>1-2%</td>
<td>H401</td>
<td>11, 15</td>
</tr>
<tr>
<td>31906-04-4</td>
<td>250-863-4</td>
<td>1-2%</td>
<td>H317; H402</td>
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<tr>
<td><strong>Ethylene brassylate</strong></td>
<td>112-31-2</td>
<td>1-2%</td>
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<td>11, 15</td>
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<tr>
<td>18479-58-8</td>
<td>242-362-4</td>
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<td>11, 15</td>
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<tr>
<td><strong>Decanal</strong></td>
<td>6485-40-1</td>
<td>1-2%</td>
<td>H227; H313; H317; H401</td>
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<tr>
<td>15356-70-4</td>
<td>239-388-3</td>
<td>1-2%</td>
<td>H227; H303; H315; H320; H402</td>
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<tr>
<td><strong>I-Carvone</strong></td>
<td>6259-76-3</td>
<td>1-2%</td>
<td>H315; H317; H319; H400; H410</td>
<td>11, 15</td>
</tr>
<tr>
<td><strong>Menthol</strong></td>
<td>150-84-5</td>
<td>1-2%</td>
<td>H315; H401; H411</td>
<td>11, 15</td>
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<tr>
<td><strong>Hexyl salicylate</strong></td>
<td>141-12-8</td>
<td>0.1-1.0%</td>
<td>H315; H317; H401</td>
<td></td>
</tr>
<tr>
<td><strong>Neryl acetate</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### SECTION 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 Contact:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

---

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>106-25-2</td>
<td>203-378-7</td>
<td>0.1-1.0%</td>
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<td>15</td>
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</table>

**Nerol**

<table>
<thead>
<tr>
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<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
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</thead>
<tbody>
<tr>
<td>106-22-9</td>
<td>203-375-0</td>
<td>0.1-1.0%</td>
<td>H303; H313; H315; H317; H319; H401</td>
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**Citronellol**

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<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2705-87-5</td>
<td>220-292-5</td>
<td>0.1-1.0%</td>
<td>H302; H312; H317; H332; H400; H410</td>
<td>10, 12, 15, 3</td>
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</tbody>
</table>

**Allyl cyclohexylpropionate**

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<th>EC#</th>
<th>Conc. Range</th>
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<th>OSHA Class.</th>
</tr>
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<td>89-80-5</td>
<td>201-941-1</td>
<td>0.1-1.0%</td>
<td>H227; H303; H316; H317; H402</td>
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</table>

**trans-p-menthan-3-one**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>68737-61-1</td>
<td>272-113-5</td>
<td>0.1-1.0%</td>
<td>H227; H303; H313; H315; H317; H401; H411</td>
<td>12, 15, 31</td>
</tr>
</tbody>
</table>

**Dimethyltetrahydro Benzaldehyde**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-44-5</td>
<td>201-746-1</td>
<td>0.1-1.0%</td>
<td>H304; H316; H317</td>
<td>31, 4</td>
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</table>

**beta-Caryophyllene**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>97-53-0</td>
<td>202-589-1</td>
<td>0.1-1.0%</td>
<td>H303; H316; H317; H319; H401</td>
<td>11, 15, 31</td>
</tr>
</tbody>
</table>

**Eugenol**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>110-41-8</td>
<td>203-765-0</td>
<td>0.1-1.0%</td>
<td>H227; H315; H317; H402; H410</td>
<td></td>
</tr>
</tbody>
</table>

**2-Methylundecanal**

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 13.29
**Skin Contact:** 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/Effects, 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”.

### SECTION 5: Firefighting 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.

### SECTION 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

SECTION 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.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

**Exposure Limits:** Contains no substances with occupational exposure limit values.

**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.
SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

- **Appearance:** Liquid
- **Odor:** Conforms to Standard
- **Color:** Golden Yellow (G2)
- **Viscosity:** Liquid
- **Freezing Point:** Not determined
- **Boiling Point:** Not determined
- **Melting Point:** Not determined
- **Flashpoint (CCCFP):** 162°F (72.22°C)
- **Auto Flammability:** Not determined
- **Explosive Properties:** None expected
- **Oxidizing Properties:** None expected
- **Vapor Pressure (mmHg@20°C):** 0.1664
- **%VOC:** 15.925
- **Specific Gravity @ 25°C:** 0.9760
- **Density @ 25°C:** 0.9730
- **Refractive Index @ 20°C:** 1.4930
- **Soluble In:** Oil

SECTION 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.
SECTION 11: Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on individual Ingredient Toxicity Data utilizing the “Additivity Formula.”

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity-Oral-(Rat) mg/kg</td>
<td>(LD50: 2,714.85) May be harmful if swallowed.</td>
</tr>
<tr>
<td>Acute Toxicity-Dermal (Rabbit) mg/kg</td>
<td>(LD50: 4,210.91) May be harmful in contact with skin.</td>
</tr>
<tr>
<td>Acute Toxicity-Inhalation (Rat) mg/L/4hr</td>
<td>(LC50: 41.70) May be harmful if inhaled.</td>
</tr>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious Eye Damage/Irritation</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>Respiratory Sensitization</td>
<td>Not classified - the classification criteria are not met.</td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>Not classified - the classification criteria are not met.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified - the classification criteria are not met.</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Not classified - the classification criteria are not met.</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity</td>
<td>Not classified - the classification criteria are not met.</td>
</tr>
<tr>
<td>Single Exposure</td>
<td></td>
</tr>
<tr>
<td>Specific Target Organ Toxicity</td>
<td>Not classified - the classification criteria are not met.</td>
</tr>
<tr>
<td>Repeated Exposure</td>
<td></td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological Information

12.1 Toxicity

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Aquatic Toxicity:</td>
<td>Very toxic to aquatic life.</td>
</tr>
<tr>
<td>Chronic Aquatic Toxicity:</td>
<td>Toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>Toxicity Data on Soil:</td>
<td>No data available.</td>
</tr>
<tr>
<td>Toxicity on Other Organisms:</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

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.

SECTION 13: Disposal Considerations

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.

SECTION 14: Transport Information

14.1 Transport Information

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

SECTION 15: Regulatory information

15.1 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)
This product contains NO components of concern.

15.2 U.S. State Regulations

California Proposition 65 Warning
This product contains the following components:
123-35-3 (NFS) 204-622-5 0.01-.01% beta-Myrcene (NFS)

15.3 Canadian Regulations

DSL/NDSL
100.00% of the components are listed or exempt.

SECTION 16: Other Information

16.1 GHS H-Statements Referred to Under Section 3

H226: Flammable liquid and vapor  H302: Harmful if swallowed
H312: Harmful in contact with skin  H316: Causes mild skin irritation
H317: May cause an allergic skin reaction  H319: Causes serious eye irritation
H320: Causes eye irritation  H332: Harmful if inhaled
H401: Toxic to aquatic life  H402: Harmful to aquatic life
H410: Very toxic to aquatic life with long lasting effects  H412: Harmful to aquatic life with long lasting effects

16.2 Total Fractional Values

(TFV) Risk
(1.02) Eye Damage/Eye Irritation, Category 1
(1.34) Aspiration Hazard, Category 1
(1.78) Aquatic Acute Toxicity, Category 1
(3.30) Skin Corrosion/Irritation, Category 2
(7.71) Aquatic Chronic Toxicity, Category 2
(175.00) Sensitization, Skin, Category 1A

Notes:
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.