Tomato Lycopene

Product Name: Tomato Lycopene
Synonyms: Prunus armeniaca (apricot) kernel oil, solanum lycopersicum (tomato) fruit/leaf/stem extract
INCI Name: Prunus armeniaca (apricot) kernel oil, solanum lycopersicum (tomato) fruit/leaf/stem extract
CAS Number: 68650-44-2, 90131-63-8, 8001-21-6, 84604-14-8
Formula: C_{40}H_{56}
Product Form: Liquid
Product Use: Cosmetic use
Distributor: MakingCosmetics.com Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com
Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

Potential Health Hazards:
- Eyes: Not irritant.
- Inhalation: Not expected to be irritant.
- Skin: Not irritant.

Ingestion: Data not available.

NFPA Ratings (704):
- Health: 0 Minimal
- Flammability: 1 Slight
- Reactivity: 0 Minimal
- Specific Hazard: n/a

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component | CAS No. | Weight % | Molecular Weight
---|---|---|---
Prunus armeniaca (apricot) kernel oil | 68650-44-2 | 75-99% | Not available
Solanum lycopersicum (tomato) fruit/leaf/stem extract | 90131-63-8 | 0.1-1.0% | Not available
Sunflower seed oil | 8001-21-6 | <0.1% | Not available
Rosemary extract | 84604-14-8 | <0.1% | Not available

4 FIRST AID MEASURES

Eyes: Flush eyes with water for 15 minutes. Seek medical advice should irritation occur and persist.
Inhalation: Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Skin: Wash off skin with soap and water. Get medical attention if irritation develops or persists.
Ingestion: Seek medical advice.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:
- Water spray, carbon dioxide, powder. Fight larger fires with water spray or alcohol resistant foam.
Special protective equipment & precautions for firefighters:
- Firefighters should wear full firefighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
Flash Points:
- Not available
Specific hazards arising from the chemical:
- No data available
6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment. Avoid eye contact. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Do not allow product to reach sewage system or any water course. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Pick up mechanically. Ensure adequate ventilation.

Environmental precautions:

Methods and material for containment and cleaning up:

7 HANDLING & STORAGE

Precautions for safe handling: Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed. Avoid prolonged or repeated exposure.

Conditions for safe storage, incl. any incompatibilities: Keep ignition sources away. Do not smoke.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solanum lycopersicum (tomato)</td>
<td>Not determined</td>
<td>TWA: Time Weighted Average over 8 hours of work.</td>
<td></td>
</tr>
<tr>
<td>fruit/leaf/stem extract</td>
<td></td>
<td>TLV: Threshold Limit Value over 8 hours of work.</td>
<td></td>
</tr>
<tr>
<td>REL: Recommended Exposure Limit</td>
<td></td>
<td>WEEL: Workplace Environmental Exposure Levels</td>
<td></td>
</tr>
<tr>
<td>PEL: Permissible Exposure Limit</td>
<td></td>
<td>CEIL: Ceiling</td>
<td></td>
</tr>
</tbody>
</table>

Personal Protection:

Eyes: Safety glasses, goggles or face shield recommended for eye protection.

Inhalation: Wear a NOISH approved organic vapor/mist respirator unless room is well ventilated.

Body: Gloves recommended to prevent skin contact.

Other: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance, Physical State:</th>
<th>Oily</th>
<th>Vapor Pressure:</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>Characteristic</td>
<td>Vapor Density:</td>
<td>Not available</td>
</tr>
<tr>
<td>Taste:</td>
<td>Not available</td>
<td>Evaporation Rate:</td>
<td>Not available</td>
</tr>
<tr>
<td>Color:</td>
<td>Orange</td>
<td>Flammability:</td>
<td>Not available</td>
</tr>
<tr>
<td>Molecular Weight:</td>
<td>536.89 g/mol</td>
<td>Upper/lower Explosive Limit:</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (1% sol. in water)</td>
<td>Not available</td>
<td>Solubility:</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>Not available</td>
<td>Flash Point:</td>
<td>&gt;200 °C</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>Not available</td>
<td>Specific Gravity:</td>
<td>Not available</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

Reactivity: Product is stable

Chemical Stability: Product is stable

Hazardous Polymerization: None known

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Acute oral toxicity (LD50) >5000 mg/kg (rat)

Skin: Non-irritant

Eyes: Non-irritant

Respiratory: Non-irritant

Ingestion: Data not available
Carcinogenicity: Not available
Teratogenicity: Not available
Germ Cell Mutagenicity: Not available
Embryotoxicity: Not available
Specific Target Organ Toxicity: Not available
Reproductive Toxicity: Not available
Respiratory/Skin Sensitization: None known

12 ECOLOGICAL INFORMATION

Ecotoxicity
Aquatic Vertebrate: Not available
Aquatic Invertebrate: Not available
Terrestrial: Not available
Persistence and Degradability: Not available
Bioaccumulative Potential: Not available
Mobility in Soil: Not available
PBT and vPvB Assessment: Not available
Other Adverse Effects: Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Must be disposed of in an incinerator. Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Compliance with applicable laws are the responsibility solely of the generator.
Product Containers: Dispose of in a manner in accordance with local and national regulations. Packaging may be reused or recycled after cleaning.
The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA): Not regulated
TDG (Transportation of Dangerous Goods, Canada): Not regulated
IMDG (International Maritime Dangerous Goods): Not regulated
IATA (International Air Transport Association): Not regulated
ICAO (International Civil Aviation Organization): Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status: No data available
DSCL (EEC): This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada): Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date: 08-25-2015
Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
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