

T-Resveratrol Fluid

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 01-Sep-2022
Supersedes: 02-Feb-2022

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: T-Resveratrol Fluid
INCI Name: PEG-7 glyceryl cocoate, propylene glycol, resveratrol
CAS Number: 501-36-0, 68201-46-7, 57-55-6
Formula: C₁₄H₁₂O₃ (resveratrol)
Product Form: Solid
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)

2 HAZARDS IDENTIFICATION

GHS Classification: Eye Irrit. 2, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Muta. 2, Aquatic Chronic 3
GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H315: Causes skin irritation
H318: Causes serious eye damage
H335: May cause respiratory irritation
H412: Harmful to aquatic life with long lasting effects

GHS Precautionary Statements:

P281: Use personal protective equipment as required
P273: Avoid release to the environment

Potential Health Hazards:

Eyes: Severe irritant.
Inhalation: Can cause irritation to the respiratory system.
Skin: May be irritant.
Ingestion: May be irritant.

NFPA Ratings (704):

| | | |
|-----------------|-----|---------|
| Health | 1 | Slight |
| Flammability | 0 | Minimal |
| Reactivity | 0 | Minimal |
| Specific Hazard | n/a | |

3 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS No.</u> | <u>Weight %</u> | <u>Molecular Weight</u> |
|------------------------|----------------|-----------------|-------------------------|
| Resveratrol | 501-36-0 | 8-12% | 228.25 g/mol |
| PEG-7 glyceryl cocoate | 68201-46-7 | Proprietary | Not available |
| Propylene glycol | 57-55-6 | Proprietary | 76.09 g/mol |

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
Inhalation: Remove victim to fresh air.
Skin: Wash skin with soap and water.
Ingestion: Wash out mouth with water and consult a physician.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Special protective equipment & precautions for firefighters: Firefighters should wear full protective clothing including self-contained breathing Apparatus.
Flash Points (propylene glycol): Closed cup: 99°C (210.2°F). Open cup: 107°C (224.6°F)

Specific hazards arising from the chemical: Emit toxic fumes under fire conditions.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Data not available.
Methods and material for containment and cleaning up: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7 HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practices. Do not breathe dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.
Conditions for safe storage, incl. any incompatibilities: Keep tightly closed. Store in a dry place and keep away from strong direct light and heat.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Component</u> | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|------------------------|-------------------------|--------------|---------------|
| Resveratrol | Not available | | |
| Propylene glycol | 10 (mg/m ³) | | AIHA |
| PEG-7 glyceryl cocoate | Not available | | |

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Safety glasses, goggles, or face shield recommended for eye protection.
Inhalation: None needed but appropriate NIOSH approved respiratory protection may be worn.
Body: Gloves recommended to prevent prolonged skin contact.
Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------------------------|--------------------|--------------------------|-------------------------------------------------------|
| Appearance, Physical State: | Semi-opaque Liquid | Vapor Pressure: | Not available |
| Odor: | Characteristic | Vapor Density: | Not available |
| Taste: | Not available | Evaporation Rate: | Not available |
| Color: | Yellowish to amber | Flammability: | Not available |
| Molecular Weight: | Not available | Explosive Limit: | Not available |
| pH (1% sol. in water) | Not available | Solubility: | Partly soluble in water and oil |
| Boiling Point (propylene glycol): | 188°C (370.4°F) | Specific Gravity: | Not available |
| Melting Point: | Not applicable | Flash Point: | Closed cup: 99°C (210.2°F). Open cup: 107°C (224.6°F) |

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.
Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Keep sources of ignition at a distance.
Incompatible Materials: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

11 TOXICOLOGICAL INFORMATION

| | |
|----------------------------------------|----------------------------------------------------------------------------------------------------|
| Acute Toxicity: | Acute oral toxicity not available |
| Skin: | Irritant |
| Eyes: | Severe irritant |
| Respiratory: | May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract. |
| Ingestion: | May be harmful if swallowed. |
| 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: | Not available |

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: | Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container. |
| Product Containers: | Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container. |

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

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|-----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Revision Date: | 01-Sep-2022 |
| 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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