

Resveratrol Powder

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

Revision Date: 09-08-2015
Supersedes: 07-11-2014

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Resveratrol Powder
Synonyms:
INCI Name: Resveratrol
CAS Number: 501-36-0
Formula: C₁₄H₁₂O₃
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
P281: Use personal protective equipment as required
P273: Avoid release to the environment

GHS Precautionary Statements:

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 | N/A | 228.25 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.

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| Special protective equipment & precautions for firefighters: | Firefighters should wear full protective clothing including self-contained breathing Apparatus. |
| Flash Points: | Not available. |
| Specific hazards arising from the chemical: | Emit toxic fumes under fire conditions. |

6 ACCIDENTAL RELEASE MEASURES

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| 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

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| 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 | | |
| 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: | Solid (powder) | Vapor Pressure: | Not available |
| Odor: | Characteristic | Vapor Density: | Not available |
| Taste: | Not available | Evaporation Rate: | Not available |
| Color: | Off-white | Flammability: | Not available |
| Molecular Weight: | 228.25 g/mol | Explosive Limit: | Not available |
| pH (1% sol. in water) | Not available | Solubility: | Partly soluble in water and oil |
| Boiling Point: | Not available | Flash Point: | Not available |
| Melting Point: | Not available | Specific Gravity: | Not available |

10 STABILITY AND REACTIVITY

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| Reactivity: | Stable under normal conditions. |
| Chemical Stability: | Stable under normal conditions. |
| Hazardous Polymerization: | Will not occur. |

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| 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

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| 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

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|---------------------------------------|---------------|
| 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

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| 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

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| 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

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| TSCA Inventory Status: | Listed as resveratrol |
| 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: 09-08-2015

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.