



SDS (Safety Data Sheet)

Alpha-Arbutin

1 PRODUCT & COMPANY IDENTIFICATION

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|----------------------|-------------------|----------------------|--------------------------------|
| Product Name: | Alpha-Arbutin | Distributor: | Deo Organic. |
| INCI Name: | Alpha-Arbutin | Address: | 2300 kathryn ln plano tx 75025 |
| Formula: | No data available | Product Form: | Solid |
| Product Use: | Cosmetic use | Email: | sales@deoorganic.com |

2 HAZARDS IDENTIFICATION

GHS Classification: This substance is not classified as dangerous according to Directive 67/548/EEC.
GHS Signal Word: **WARNING**
GHS Hazard Pictograms:



GHS Hazard Statements: H302: Harmful if swallowed.
GHS Precautionary Statements: P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P301: If swallowed immediately call a POISON CENTER if you feel unwell.
P317: Get emergency medical help.
P330: Rinse mouth.
P501: Dispose of contents/container to an approved waste disposal plant.
GHS Potential Health Hazards: Eyes: May cause eye irritation.
Inhalation: Not expected to be an irritant under normal conditions of use.
Skin: Not expected to be an irritant.
Ingestion: May cause irritation, nausea, vomiting, or diarrhea.

NFPA Ratings (704):

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|-----------------|-----|-----|
| Health | N/A | N/A |
| Flammability | N/A | N/A |
| Reactivity | N/A | N/A |
| Specific Hazard | N/A | |

3 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>Weight %</u> | <u>Molecular Weight</u> |
|------------------|-----------------|-------------------------|
| Alpha-Arbutin | 100% | Not available |

4 FIRST AID MEASURES

Eyes: Flush eyes with water as a precaution. Seek medical attention if necessary.
Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Seek medical attention if necessary.
Skin: Wash off with plenty of water. Seek medical attention if necessary.
Ingestion: Rinse mouth with water. Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) May be combustible at high temperature. Use appropriate media (water spray, alcohol-



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| extinguishing media: | resistant foam, dry chemical, carbon dioxide) for adjacent fire. No unsuitable extinguish media listed. |
| Special protective equipment & precautions for firefighters: | Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. |
| Specific hazards arising from the chemical: | None known. See also Stability and reactivity section. |

6 ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment & emergency procedures: | Avoid dust formation. Avoid breathing vapors, mist, or gas. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment. |
| Environmental precautions: | Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak. |
| Methods and material for containment and cleaning up: | Sweep up and shovel. Keep in suitable, closed containers for disposal. Dispose of absorbed material in accordance with the regulations. |

7 HANDLING & STORAGE

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| Precautions for safe handling: | Provide appropriate exhaust ventilation at places where dust is formed. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment. |
| Conditions for safe storage, incl. any incompatibilities: | Store in a cool, dry, well, ventilated area. Keep containers tightly closed when not in use. Recommended storage temperature is lower than 68°F (20°C). Store away from incompatible materials (see section 10 for incompatibilities). |

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Component</u> | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|------------------|------------------------|---------------|---------------|
| Alpha-Arbutin | Not available | Not available | 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:

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| Eyes: | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH safety glasses. |
| Inhalation: | Not required under normal conditions of use. If dust is generated, use an approved NIOSH respirator. |
| Body: | Use appropriate chemical resistant gloves. Use proper glove removal techniques to avoid skin contact. Wear full protective gear in accordance with applicable laws and good laboratory practices. |
| Other: | Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. |

9 PHYSICAL AND CHEMICAL PROPERTIES

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|--|-------------------|-------------------------------------|-------------------|
| Appearance: | Powder | Vapor Pressure: | No data available |
| Odor: | No data available | Vapor Density: | No data available |
| Odor Threshold: | No data available | Evaporation Rate: | No data available |
| Color: | White | Flammability: | No data available |
| Molecular Weight: | No data available | Upper/lower Explosive Limit: | No data available |
| pH: | No data available | Flash Point: | No data available |
| Boiling Point: | No data available | Specific Gravity: | No data available |
| Melting Point: | No data available | Water Solubility: | Soluble |
| Relative Density: | No data available | Auto-Ignition Temperature: | No data available |
| Partition Coefficient: n-octanol/water: | No data available | Decomposition Temperature: | No data available |
| Dynamic Viscosity: | No data available | Explosive Properties: | No data available |
| Oxidizing Properties: | No data available | Metal Corrosion: | No data available |

10 STABILITY AND REACTIVITY

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|-----------------------------------|--------------------------|
| Reactivity: | No data available. |
| Chemical Stability: | No data available. |
| Hazardous Polymerization: | No data available. |
| Conditions to Avoid: | No data available. |
| Incompatible Materials: | Strong oxidizing agents. |
| Hazardous Decomposition Products: | No data available. |
| Possible Hazardous Reactions: | No data available. |

11 TOXICOLOGICAL INFORMATION

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| Acute Toxicity: | No data available. |
| Skin: | No data available. |
| Eyes: | No data available. |
| Inhalation: | No data available. |
| Ingestion: | May cause irritation. |
| Carcinogenicity: | Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. |
| Teratogenicity: | No data available. |
| Germ Cell Mutagenicity: | No data available. |
| Embryotoxicity: | No data available. |
| Specific Target Organ Toxicity: | No data available. |
| Reproductive Toxicity: | No data available. |
| Respiratory/Skin Sensitization: | No data available. |
| Corrosivity: | No data available. |

12 ECOLOGICAL INFORMATION

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| Ecotoxicity: | No data available. |
| Aquatic Vertebrate: | No data available. |
| Aquatic Invertebrate: | No data available. |
| Terrestrial: | No data available. |
| Persistence and Degradability: | No data available. |
| Bioaccumulative Potential: | No data available. |
| Mobility in Soil: | No data available. |
| PBT and vPvB Assessment: | No data available. |
| Other Adverse Effects: | No data available. |

13 DISPOSAL CONSIDERATIONS

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| Waste Residues: | Offer surplus and non-recyclable solutions to a licensed disposal company. 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: | Dispose of any unused product. Offer surplus and non-recyclable solutions to a licensed disposal company. 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): | No data available. |
| TDG (Transportation of Dangerous Goods, Canada): | No data available. |
| IMDG (International Maritime Dangerous Goods): | Not dangerous goods. Not a marine pollutant. |
| IATA (International Air Transport Association): | Not dangerous goods. |
| ICAO (International Civil Aviation Organization): | No data available. |

ADR/RID (Road and Rail Transportation):

Not dangerous goods.

15 REGULATORY INFORMATION

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| TSCA Inventory Status: | No data available. |
| Canada (DSL): | No data available. |
| EU (EINECS): | No data available. |
| China (IECSC): | No data available. |
| Australia (AICS): | No data available. |
| Taiwan (TCSI) | No data available. |
| Japan (ENCS): | No data available. |
| Philippines (PICCS): | No data available. |
| Korea (ECL): | No data available. |
| New Zealand: | No data available. |

16 OTHER INFORMATION

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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