



# ART VATIKA INSTITUTE

## MATERIAL SAFETY DATA SHEET

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| <b>ARTIKAMART</b><br>309, Basement, Sector 21C,<br>Faridabad, Haryana 121001, INDIA | <b>MSDS NUMBER</b> : 6789125<br><b>PRODUCT CODE</b> : 0143237457<br><b>DATE</b> : 12/02/2025 |
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### 1) Identification of the substance or mixture and of the supplier

**Product name** : alpha-Arbutin; 4-Hydroquinone-alpha-D-glucopyranoside;  
HydroquinoneO-a-D-glucopyranoside; 4-hydroxyphenyl alpha-D-glucopyranoside  
**CAS No.** : 84380-01-8  
**Assay** :  $\geq 99.95\%$


### 2) COMPANY : ART VATIKA INSTITUTE

**Contact Person**: Mr. Harsh Aggarwal (For commercial and technical detail)  
**Head Office**: 309, Basement, Sector 21C, Faridabad, Haryana 121001, INDIA.  
**E-mail**: [help@artikamart.com](mailto:help@artikamart.com)  
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### 3) HAZARDOUS IDENTIFICATION

**Physical properties**: Solid  
**Invasion route**: Inhalation, skin and eye contact, oral administration  
**GHS classification**: Acute oral toxicity Class 4



**GHS Label**:  Warning  
**Health hazards**: H302 Harmful if swallowed.  
**Hazard statements**: H302 Harmful if swallowed.  
**Other hazards, vPvB (high residual, highly bioconcentrated substances)**: Invalid

### 4) FIRST AID MEASURES

**Enter the eyes**: Separate the eyelids and rinse with running water or saline.  
Get medical attention immediately.

**Skin contact**: Remove contaminated clothing and wash skin thoroughly with soap and water. If you feel unwell, seek medical attention.



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**Nasal inhalation:** If inhaled, move victim to fresh air. Seek medical attention if symptoms persist.

**Ingest:** gargle. Get medical attention immediately.

## 5) FIRE FIGHTING MEASURES

**Hazardous properties:** This product is non-flammable and will not explode.

**Hazardous combustion products:** Ignition products: carbon monoxide and carbon dioxide.

**Fire fighting methods:** Use water spray, dry powder, foam or carbon dioxide extinguishing agent to extinguish fires.

## 6) ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Stay away from spills/leaks and stay upwind. Avoid dust generation. Avoid inhaling vapors, aerosols or gases.

### **Environmental precautions**

Contain leakage, prevent leakage from entering sewers, and avoid polluting the environment.

### **Sealing and purification methods and materials**

Sweep or shovel off and place in a suitable closed container to be disposed of.

### **Preventive measures to prevent secondary hazards**

No measures are specifically required.

## 7) HANDLING AND STORAGE

### **Handling precautions**

Operators should receive special training and strictly abide by operating procedures.

Operations should be carried out in a place with local ventilation or comprehensive ventilation facilities, and appropriate protective equipment should be worn. Avoid contact with eyes and skin, avoid inhalation of vapors. Keep away from fire and heat sources. Smoking is strictly prohibited in the workplace. If canning is needed, the flow rate should be controlled and a grounding device should be installed to prevent the accumulation of static electricity. When transporting, load and unload with care to prevent damage to packaging and containers. Wash your hands and face after use and do not eat or drink in the workplace. Equipped with corresponding varieties and quantities of fire-fighting equipment and leakage emergency treatment equipment.



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## Storage precautions

Please store away from oxidants and food chemicals. Place in an airtight container and store in a cool, dry place. The storage area should be equipped with emergency release equipment and suitable containment materials..

## 8) EXPOSURE CONTROLS / PERSONAL PROTECTION EQUIPMENT

**Monitoring methods:** EN 14042 workplace air guidance on procedures for assessing exposure to chemical or biological agents.

**Engineering control:** Install a closed system or local exhaust system whenever possible. If user operations generate dust, smoke, etc., please use ventilation equipment to reduce the content of air pollutants. Set up emergency evacuation passages and necessary hazard relief areas. Set red area warning lines, warning signs and Chinese warning instructions, and set up a communication alarm system. Provide safety showers and eyewash facilities.

**Respiratory protection:** When the concentration in the air exceeds the standard, wear a filter gas mask (half mask). During emergency rescue or evacuation, a portable respirator should be worn.

**Eye protection:** Wear chemical safety glasses.

**Body protection:** Wear appropriate protective clothing.

**Hand protection:** Wear appropriate protective gloves.

**Other protection:** None

## 9) PHYSICAL AND CHEMICAL PROPERTIES

**Molecular formula :** C<sub>12</sub>H<sub>16</sub>O<sub>7</sub>

**Molecular weight :** 272.25

**Appearance and properties :** White or off-white crystalline powder.

**Melting point (°C) :** 202-207°C.

**Boiling point (°C) :** 561.6±50.0°C at 760 mmHg.

**Vapor pressure :** 0.0±1.6 mmHg at 25°C

**Steam density :** 1.6±0.1 g/cm<sup>3</sup>.



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**Solubility** : Soluble in water, slightly soluble in ethanol.

**The main purpose** : Cosmetics ingredient.

**Reactivity** : No data.

**Chemical stability** : Stable under recommended storage conditions.

**Thermal decomposition/environments to avoid** : Will not decompose if used and stored as directed.

**Possibility of adverse reactions** : No data

**Conditions to avoid** : Electrostatic discharge, heat, humidity, etc.

**Incompatible substances** : Oxide

**Hazardous decomposition products** : Carbon monoxide, carbon dioxide

## 10) STABILITY AND REACTIVITY

### Conditions to Avoid

Prolonged or excessive heat and / or exposure to air may cause decomposition or oxidation of the material.

### Materials to Avoid

Avoid contact with strong acids, strong bases, and materials that react with terpene alcohol

### Hazardous Decomposition Products

Avoid contact with strong acids, strong bases, and materials that react with terpene alcohols.

## 11) TOXICOLOGICAL INFORMATION

**Acute toxicity**: No data

**Subacute and chronic toxicity**: No data



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**Irritation:** No data

**Sensitization:** No data

**Mutagenicity:** No data

**Carcinogenicity:** No data

**Reproductive toxicity:** No data

**Specific target organ systemic toxicity repeated exposure:** No data

**Specific target organ systemic toxicity single exposure:** No data

## 12) ECOLOGICAL INFORMATION

**Aquatic animal toxicity:** No data

**Persistence and degradability:** No data

**Bioaccumulative potential:** No data

**Mobility in soil:** No data

**More ecological information:** No data

## 13) DISPOSAL CONSIDERATIONS

**Recommendations for disposal methods :** Send this product to a professional hazardous waste handler and do not dispose of this product by discharging it into sewers. Please refer to relevant national and local regulations for correct handling.

**Disposal of uncleaned packaging :** Please refer to relevant national and local regulations for correct handling.

## 14) TRANSPORTATION INFORMATION

### SHIPPING NAME :

Road transport ADR, UN No. Rail Transport RID UN No. Sea Transport IMDG, UN No.

Air Transport IATA /ICAO, UN No.



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**Harmful to the environment :** Invalid

**Special precautions for users :** Invalid

**Please carry out bulk transportation in accordance with Annex II of MARPOL73/78 (Agreement on the Prevention of Marine Pollution from Ships) and IBCCode (International Shipment Cargo Code) :** Invalid

## 15) REGULATORY INFORMATION

**Inventory of existing chemical substances in China :** Not listed

**Catalog of hazardous chemicals in China:** Not listed

**European Inventory of Existing Chemical Substances :** Listed

**List of Toxic Chemicals Strictly Restricted in China :** Not listed

**GHS Label :**

**Hazard pictograms:** 

**Signal word :** Warning

**Hazard statement :** H302 Harmful if swallowed.

**Information about usage restrictions :** For use by qualified technicians only.

**The remaining regulations, restrictions and prohibitions are through REACH, Article 57, Substances of Very High Concern :** Not listed

## 15) OTHER INFORMATION

**Reference :**



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【1】chemicalbook.com, website: <https://www.chemicalbook.com/>

【2】European Chemicals Agency, website: <https://www.echa.europa.eu/home>

【3】Asia Pacific Chemical Inventory Inquiry, website:  
<http://apciss.cirs-group.com/>

**Declaration :** The information in this SDS applies only to the specified product. Unless otherwise specified, it does not apply to mixtures of this product with other substances. This SDS only provides product safety information for those users who have received appropriate professional training. Users of this SDS must make independent judgments on the applicability of this SDS. The author of this SDS will not be held responsible for any injuries caused by the use of this SDS.