

# Safety Data Sheet(SDS)

## SECTION 1: Identification

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Product Name : Catalytic Activated Carbon for Fresh Produce (Trade Name: VegiFine®)  
Code : VF-K  
Created on : May 10 ,2023  
Revised on : June 11 ,2025  
Manufacturer : UES Co., Ltd Wakayama Factory  
Address : 3894-51 Asso, Kamitonda cho, Nishimuro gun, Wakayama,649-2105,Japan  
Contact : TEL +81-739-47-6470 FAX +81-739-47-6580  
Emergency contact : TEL +81-739-47-6470  
E-mail : ues@cocowork.com

## SECTION 2: Hazard Identification

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GHS Classification : Not classified as hazardous under GHS.  
Hazard Statements : Not applicable  
Precautionary Statements : Avoid inhalation of dust. Handle in well-ventilated areas.  
Environmental Hazards : Not available  
Other Hazards : Risk of dust explosion.

## SECTION 3: Composition/Information on Ingredients

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| Substance              | CAS No.   | Chemical Formula  |
|------------------------|-----------|-------------------|
| Activated Carbon       | 7440-44-0 | C                 |
| Potassium permanganate | 7722-64-7 | KMnO <sub>4</sub> |

## SECTION 4: First-Aid Measures

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Inhalation : Move to fresh air. Seek medical attention if symptoms persist.  
Skin Contact : Wash with soap and water.  
Eye Contact : Rinse cautiously with water. Remove contact lenses if present.  
Ingestion : Rinse mouth. Seek medical advice if necessary.

## SECTION 5: Fire-Fighting Measures

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Extinguishing Media : Water, carbondioxide, nitrogen, drychemicalextinguishingagents, sand, and foam.  
Avoidmethodswwhich may stir up dust clouds.  
Special Hazards : Carbon monoxide and carbon dioxide gas may be emitted upon combustion of material.  
Dust may form explosive mixtures with air.  
Protective Equipment : Use self-contained breathing apparatus and full protective gear.

## SECTION 6: Accidental Release Measures

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Spill Response : Avoid dust. Use PPE. Sweep and ventilate area.

## SECTION 7: Handling and Storage

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Handling : Wear appropriate protective equipment such as a dust mask and protective glasses.  
Reduce dust as much as possible and try to keep the work environment below the permissible concentration.  
When working in an enclosed space, be sure to ventilate the area.  
Avoid increasing the temperature as a rise in product temperature may cause the inner packaging to expand.  
If pressure becomes excessive, return it to normal pressure by lowering the temperature, etc. before opening.  
Storage : Store in cool, dry, ventilated place and in closed container. Keep away from oxidizers, heat or flames.  
Store away from ignition sources.

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**SECTION 8: Exposure Controls/Personal Protection**

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|----------------------|-------------------------------------------------------------------------|
| Exposure Limits      | : OSHA PEL: Total 15 mg/m <sup>3</sup> , Respirable 5 mg/m <sup>3</sup> |
| Protective Equipment | : Respiratory Protection: Dust mask                                     |
|                      | : Eye Protection: Safety goggles                                        |
|                      | : Hand Protection: Protective gloves                                    |

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**SECTION 9: Physical and Chemical Properties**

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|                           |                      |
|---------------------------|----------------------|
| Appearance                | : Black granules     |
| Odor                      | : Odorless           |
| pH                        | : 7-9                |
| Melting Point             | : Not applicable     |
| Boiling Point             | : Not applicable     |
| Flash Point               | : Not applicable     |
| Solubility                | : Insoluble in water |
| Auto-Ignition Temperature | : Above 350 °C       |

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**SECTION 10: Stability and Reactivity**

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|------------------------|----------------------------------|
| Reactivity             | : Stable under normal conditions |
| Incompatible Materials | : Strong oxidizing agents        |

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**SECTION 11: Toxicological Information**

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|-----------------|-----------------------------------------------------------------------|
| Irritation      | : Dust may cause mechanical irritation to eyes and respiratory system |
| Carcinogenicity | : Not classified as carcinogenic by IARC, OSHA, or NTP                |

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**SECTION 12: Ecological Information**

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|-------------|---------------------------------------------------|
| Ecotoxicity | : Not expected to be hazardous to the environment |
| Mobility    | : Not determined                                  |

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**SECTION 13: Disposal Considerations**

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Dispose of waste in accordance with local, regional, and national regulations.  
Do not release into sewers or waterways.

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**SECTION 14: Transport Information**

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|                        |                               |
|------------------------|-------------------------------|
| UN Number              | : Not applicable              |
| Transport Hazard Class | : Not applicable              |
| Regulatory Status      | : Not regulated for transport |

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**SECTION 15: Regulatory Information**

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Not specifically regulated under OSHA, TSCA, or REACH

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**SECTION 16: Other Information**

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This information is believed to be accurate as of the date of revision. However, no warranty is expressed or implied. The user is responsible for determining the suitability of this information for their specific application and ensuring compliance with applicable laws and regulations.