

Safety Data Sheet(SDS)

SECTION 1: Identification

Product Name : Nanoparticulate Activated Carbon
Code : UNP
Created on : June 27 ,2024
Revised on : June 26 ,2025
Manufacturer : UES Co., Ltd Wakayama Factory
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SECTION 2: Hazard Identification

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

Substance	CAS No.	Chemical Formula
Activated Carbon	7440-44-0	C

SECTION 4: First-Aid Measures

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

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

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

SECTION 7: Handling and Storage

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.

SECTION 8: Exposure Controls/Personal Protection

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

SECTION 9: Physical and Chemical Properties

Appearance	: Black powder
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

SECTION 10: Stability and Reactivity

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

SECTION 11: Toxicological Information

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

SECTION 12: Ecological Information

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

SECTION 13: Disposal Considerations

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

SECTION 14: Transport Information

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

SECTION 15: Regulatory Information

Not specifically regulated under OSHA, TSCA, or REACH

SECTION 16: Other Information

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.