



中国认可
检验
INSPECTION
CNAS IB0071



NO.2625010547

SAFETY DATA SHEET

Product Name: Activated carbon (part of the Air Purifier/ Replacement Filter)

Effective Date: 2025-01-01

Compiler: Huang Chaozheng

Checker: Liu Wangrong

Approver: Dongxuesheng



Shanghai Institute of Chemical Industry Testing Co., Ltd.



Dongguan Raiwee Technology Co.,Ltd.

SAFETY DATA SHEET

Activated carbon (part of the Air Purifier/ Replacement Filter)

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Activated carbon (part of the Air Purifier/ Replacement Filter)

Company: Dongguan Raiwee Technology Co.,Ltd.

Address: No.37 Wanfeng Industrial Zone, Qinghu Village, Qishi Town, Dongguan City, Guangdong Province, 523518, P.R.China

Email: lizhen@vesync.com

Fax: /

Emergency Phone: 86-769-86004308

Recommend use of the chemical and restrictions on use: Activated carbon (part of the Air Purifier/ Replacement Filter).

SDS Number: 2625010547

Effective Date: 2025-01-01

SECTION2 HAZARDS IDENTIFICATION

GHS Classification:

Physical Hazards:
Not Classified

Health Hazards:
Not Classified

Environmental Hazards:
Classification not possible

The hazards not mentioned are not applicable or no data available.

Label Elements:

Pictogram:
None

Signal Word:

No Signal Word

Hazard Statements:

None

Prevention Precautionary Statements:

None

Response Precautionary Statements:

None

Storage Precautionary Statements:

None

Disposal Precautionary Statements:

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazards:

No data available.

SECTION3 INFORMATION ON INGREDIENTS**Product name:** Activated carbon (part of the Air Purifier/ Replacement Filter)

Ingredient	Concentration	CAS No.	EC No.
Mixtures:			
Carbon	90-100%	7440-44-0	231-153-3
Ash	0-6%	/	/
Water	0-4%	7732-18-5	231-791-2

SECTION4 FIRST-AID MEASURES**Skin Exposure:**

In case of skin contact, flush with copious amounts of water. If irritation persists, call a physician.

Eye Exposure:

In case of contacting with eyes, lift the eyelids and flush with copious amounts of water for at least 15 minutes. If irritation persists, call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. If feel unwell, Call a physician.

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Most Important Symptoms/Effects, Acute and Delayed:

No data available.

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary:

No data available.

SECTION5 FIRE FIGHTING MEASURES**Suitable Extinguishing Media:**

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

Specific Hazards Arising from the Chemical:

Take care as it may decompose upon combustion or in high temperatures to generate carbon oxides, etc.

Special Protective Action for Fire-fighters:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

SECTION6 ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures:**

Use personal protective equipment. Remove all sources of ignition. Avoid breathing dust. Keep people away from and upwind of leakage or spillage. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Avoid entering drains.

Methods and Materials for Containment and Cleaning up:

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION7 HANDLING AND STORAGE**Precautions for Safe Handling:**

Operators should be trained and strictly abide by operating procedures. Wear appropriate protective clothing and chemical safety gloves. Avoid inhalation. Avoid contacting with eyes, skin and clothing. Prevent generation of dust. Keep away from ignition sources, heat and flame. No smoking at working site. Handling is performed in a well ventilated place. Wash hands and face thoroughly after handling. Incompatibilities: Strong oxidants. Load and unload gently when handling. Prevent the package from breaking and getting damp so as to cause losses. Workplace should be equipped with appropriate varieties and quantities of fire-fighting equipment and leakage emergency treatment equipment.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidants. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

SECTION8 EXPOSURE CONTROL/PPE**Control Parameters:**

GBZ 2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace - Part 1: Chemical

Hazardous Agents:

Not set up.

ACGIH:

Not set up.

Appropriate Engineering Controls:

Mechanical exhaust required. Safety shower and eye bath.

Individual Protection Measures:**Eye/Face Protection:**

Wear chemical safety glasses.

Skin Protection:

Hand Protection: Wear appropriate protective gloves. Body Protection: Wear appropriate protective clothing.

Respiratory Protection:

Wear government approved respirator.

Thermal Hazards:

No data available.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Black granule
Odor: Weak odor
pH Value: Not applicable
Solubility: Hardly soluble in water
Melting Point/Freezing Point: Not applicable
Boiling Point, Initial Boiling Point and Boiling Range: Not applicable
Flash Point (Closed Cup): Not applicable
Density/Relative Density: No data available
Kinematic Viscosity: Not applicable
Lower/Upper Explosion Limit/Flammability Limit: No data available
Vapour Pressure: No data available

Relative Vapor Density: No data available
Partition Coefficient N-Octanol/Water (Log Value): No data available
Autoignition Temperature: No data available
Decomposition Temperature: No data available
Particle Characteristics: No data available

Flammability (Solid, Gas): The substance is not classified in Division 4.1 Flammable Solids.

Self-heating test: The test sample has been tested according to Manual of Tests and Criteria ST/SG/AC. 10/11/Rev. 7 33.4.6 Test N. 4 Test methods for self-heating substances (UNM-Rev7 33.4.6). In the test using a 100 mm sample cube at 140 °C, the temperature of sample did not exceed 60°C.

SECTION10 STABILITY AND REACTIVITY**Reactivity:**

No data available.

Chemical Stability:

Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions:

No data available.

Conditions to Avoid:

Contact with oxidizing substances or ignition sources.

Incompatible Materials:

Strong oxidants.

Hazardous Decomposition Products:

Carbon oxides, etc.

SECTION11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available.

Skin Corrosion/Irritation:

No data available.

Serious Eye Damage/Irritation:

No data available.

Respiratory Sensitization:

No data available.

Skin Sensitization:

No data available.

Germ Cell Mutagenicity:

No data available.

Carcinogenicity:

No data available.

Reproductive Toxicity:

No data available.

Specific Target Organ Toxicity -Single Exposure:

No data available.

Specific Target Organ Toxicity -Repeated Exposure:

No data available.

Aspiration Hazard:

No data available.

SECTION12 ECOLOGICAL INFORMATION

Toxicity:

No data available.

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in Soil:

No data available.

Other Adverse Effects:

No data available.

SECTION13 DISPOSAL CONSIDERATION

Disposal Methods:

Recycle as far as possible. If unable to recycle, it is recommended to use incineration method for disposal under supervision. This product should not be disposed of by discharge into sewers. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.

SECTION14 TRANSPORT INFORMATION

RID/ADR (2023 Edition): According to the test result, this substance does not meet the classification criteria of Division 4.2 and thus is not subject to RID/ADR according to provision 2.1.2.6.

IATA DGR (66th Edition) : According to the test result, this substance does not meet the classification criteria of Division 4.2 and thus is not subject to IATA DGR according to special provision A3.

IMO IMDG Code(2022 Edition): According to the test result, this substance does not meet the classification criteria of Division 4.2 and thus is not subject to IMO IMDG CODE according to special provision 223.

Environmental Hazards: No.

Special Precautions for User: No data available.

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

Comment: The goods transported shall be consistent with the inspection object of this conclusion.

SECTION15 REGULATORY INFORMATION

Montreal Protocol:
Not listed.

Stockholm Convention:
Not listed.

Rotterdam Convention:
Not listed.

EINECS/ELINCS:
Carbon, Water in the product are listed.

TSCA:
Carbon, Water in the product are listed.

IECSC:
Carbon, Water in the product are listed.

SECTION16 OTHER INFORMATION

Preparation Date:

2025-01-01

Preparation Department:

Shanghai Institute of Chemical Industry Testing Co., Ltd. Tel(Fax): +86-21-52815377/31765555

Revision:

0

Reference Standard:

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 10th revised edition

Abbreviations and Acronyms:

CAS: Chemical Abstracts Service EC: European Commission ACGIH: American Conference of Governmental Industrial Hygienists ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations concerning the International Carriage of Dangerous Goods by Rail IMO IMDG CODE: International Maritime Organization International Maritime Dangerous Goods Code IATA DGR: International Air Transport Association Dangerous Goods Regulations MARPOL: International Convention for the Prevention of Pollution from Ships IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances TSCA: Toxic Substances Control Act IECSC: Inventory of Existing Chemical Substances in China

Other Information:

This SDS is compiled based on the information such as ingredients provided by the applicant and our current knowledge. This SDS shall be used only as a guide. The users of this SDS must make independent judgments on the correctness and completeness and then decide its suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.

END OF REPORT



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CNAS IB0071



NO.2625011271

SAFETY DATASHEET

Product Name: Activated carbon(part of the Air Purifier/Replacement Filter)

Effective Date: 2025-01-07

Compiler: Huang Chaozheng

Checker: Liu Wangqing

Approver: Dongxuesheng



Shanghai Institute of Chemical Industry Testing Co., Ltd.



JACOBI ADSORBENT MATERIALS (TIANJIN) CO, LTD

SAFETY DATA SHEET

Activated carbon(part of the Air Purifier/Replacement Filter)

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Activated carbon(part of the Air Purifier/Replacement Filter)

Company: JACOBI ADSORBENT MATERIALS (TIANJIN) CO, LTD

Address: No 8, Zhongning Road, Jinnan Economic Development Area(Eastern Zone),
Tianjin, Jinnan Distriet, 300350, P.R.China

Email: eli.li@jacobi.net

Fax: +86 22 25764846-7018

Emergency Phone: +86 22 25764846

Recommend use of the chemical and restrictions on use: Use for a part of air purifier or replacement filter.Just for professional application.

SDS Number: 2625011271

Effective Date: 2025-01-07

SECTION2 HAZARDS IDENTIFICATION

GHS Classification:

Physical Hazards:
Not Classified

Health Hazards:
Not Classified

Environmental Hazards:
Classification not possible

The hazards not mentioned are not applicable or no data available.

Label Elements:

Pictogram:
None

Signal Word:
No Signal Word

Hazard Statements:

None

Prevention Precautionary Statements:

None

Response Precautionary Statements:

None

Storage Precautionary Statements:

None

Disposal Precautionary Statements:

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazards:

No data available.

SECTION3 INFORMATION ON INGREDIENTS**Product name:** Activated carbon(part of the Air Purifier/Replacement Filter)

Ingredient	Concentration	CAS No.	EC No.
Substances:			
Activated Carbon	100%	7440-44-0	231-153-3

SECTION4 FIRST-AID MEASURES**Skin Exposure:**

In case of skin contact, flush with copious amounts of water. If the person feels unwell, Call a physician.

Eye Exposure:

In case of contacting with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If the person feels unwell, Call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air immediately. If the person feels unwell, Call a physician.

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Most Important Symptoms/Effects, Acute and Delayed:

No data available.

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary:

No data available.

SECTION5 FIRE FIGHTING MEASURES**Suitable Extinguishing Media:**

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

Specific Hazards Arising from the Chemical:

Take care as it may decompose upon combustion or in high temperatures to generate carbon oxides.

Special Protective Action for Fire-fighters:

Firefighters should wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Isolate the accident area. Entry to noninvolved personnel should be controlled. Cool the container down with water spray until the fire is put out. Move the container from the fire to the open space as much as possible.

SECTION6 ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures:**

Use personal protective equipment. Remove all sources of ignition. Avoid breathing dust. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Avoid entering drains.

Methods and Materials for Containment and Cleaning up:

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION7 HANDLING AND STORAGE**Precautions for Safe Handling:**

Operators should be trained and strictly abide by operating procedures. Wear appropriate protective clothing and chemical safety gloves. Avoid inhalation. Avoid contacting with eyes, skin and clothing. Prevent generation of dust. Keep away from ignition sources, heat and flame. No smoking at working site. Handling is performed in a well ventilated place. Wash hands and face thoroughly after handling.

Incompatibilities: Strong oxidants. Load and unload gently when handling. Prevent the package from breaking and getting damp so as to cause losses. Workplace should be equipped with appropriate varieties and quantities of fire-fighting equipment and leakage emergency treatment equipment.

Conditions for Safe Storage, Including any Incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidants. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

SECTION8 EXPOSURE CONTROL/PPE**Control Parameters:**

GBZ 2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace - Part 1: Chemical
Hazardous Agents: Not set up.
ACGIH: Not set up.

Appropriate Engineering Controls:

Mechanical exhaust required. Safety shower and eye bath.

Individual Protection Measures:**Eye/Face Protection:**

Wear chemical safety glasses if needed.

Skin Protection:

Hand Protection: Wear compatible protective gloves.
Body Protection: Wear appropriate protective clothing.

Respiratory Protection:

Wear government approved respirator if needed.

Thermal Hazards:

No data available.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance:	Black granule
Odor:	Weak odor
pH Value:	No data available
Solubility:	Hardly soluble in water
Melting	No data available
Point/Freezing	
Point:	
Boiling Point,	Not applicable
Initial Boiling	
Point and Boiling	
Range:	
Flash Point	Not applicable
(Closed Cup):	
Density/Relative	No data available
Density:	
Kinematic	Not applicable
Viscosity:	
Lower/Upper	No data available
Explosion	
Limit/Flammabili	
ty Limit:	
Vapour Pressure:	No data available
Relative Vapor	No data available
Density:	
Partition	No data available
Coefficient	
N-Octanol/Water(
Log Value):	
Autoignition	No data available
Temperature:	
Decomposition	No data available
Temperature:	
Particle	No data available
Characteristics:	
Flammability	Not applicable
(Solid, Gas):	
Self-heating	The test sample has been tested according to Manual of Tests and Criteria
test:	ST/SG/AC. 10/11/Rev. 7 33. 4. 6 Test N. 4 Test methods for self-heating substances (UNM-Rev7 33.4.6). In the test using a 100 mm sample cube at 140 °C, the temperature of sample did not exceed 60°C.

SECTION10 STABILITY AND REACTIVITY**Reactivity:**

No data available.

Chemical Stability:

Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions:

No data available.

Conditions to Avoid:

Contact with oxidizing substances or ignition sources.

Incompatible Materials:

Strong oxidants.

Hazardous Decomposition Products:

Carbon oxides.

SECTION11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available.

Skin Corrosion/Irritation:

No data available.

Serious Eye Damage/Irritation:

No data available.

Respiratory Sensitization:

No data available.

Skin Sensitization:

No data available.

Germ Cell Mutagenicity:

No data available.

Carcinogenicity:

No data available.

Reproductive Toxicity:

No data available.

Specific Target Organ Toxicity - Single Exposure:

No data available.

Specific Target Organ Toxicity - Repeated Exposure:

No data available.

Aspiration Hazard:

No data available.

SECTION12 ECOLOGICAL INFORMATION

Toxicity:

No data available.

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in Soil:

No data available.

Other Adverse Effects:

No data available.

SECTION13 DISPOSAL CONSIDERATION

Disposal Methods:

Recycle as far as possible. If unable to recycle, it is recommended to use incineration method for disposal under supervision. This product should not be disposed of by discharge into sewers. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.

SECTION14 TRANSPORT INFORMATION

RID/ADR (2023 Edition) : According to the test result, this substance does not meet the classification criteria of Division 4.2 and thus is not subject to RID/ADR according to provision 2.1.2.6.

IATA DGR (66th Edition) : According to the test result, this substance does not meet the classification criteria of Division 4.2 and thus is not subject to IATA DGR according to special provision A3.

IMO IMDG CODE (2022 Edition) : According to the test result, this substance does not meet the classification criteria of Division 4.2 and thus is not subject to IMO IMDG CODE according to special provision 223.

Environmental Hazards: No.

Special Precautions for User: No data available.

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

Comment: The goods transported shall be consistent with the inspection object of this conclusion.

SECTION15 REGULATORY INFORMATION

Montreal Protocol:
Not listed.

Stockholm Convention:
Not listed.

Rotterdam Convention:
Not listed.

EINECS/ELINCS:
Listed.

TSCA:
Listed.

IECSC:
Listed.

SECTION16 OTHER INFORMATION

Preparation Date:
2025-01-07

Preparation Department:

Shanghai Institute of Chemical Industry Testing Co., Ltd.
Tel(Fax): +86-21-52815377/31765555

Revision:

0

Reference Standard:

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 10th revised edition

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Other Information:

This SDS is compiled based on the information such as ingredients provided by the applicant and our current knowledge. This SDS shall be used only as a guide. The users of this SDS must make independent judgments on the correctness and completeness and then decide its suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.

END OF REPORT