

Material Safety Data Sheet (MSDS)

NO.: A001R25003061139

Date: Mar 6, 2025

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Applicant: Dongguan Heyi E-Commerce Co.,Ltd.

Address: Guangdong Dongguan Room 105, Building 1, No. 61, Zhongtang Section, Beiwang Road, Zhongtang Town

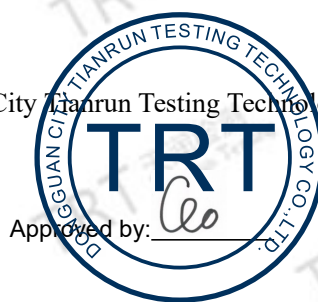
Sample name: Air duster

Products code: HE132

Issue date: Mar 6, 2025

Test Requested: As specified by the client, Safety Data Sheet was prepared in accordance with UN GHS Rev.9, REACH Regulation (EC) No.1907/2006 and CLP Regulation (EC) No.1272/2008 and Regulation (EU) No.2020/878. Please refer to the attached report for details.

Dongguan City Tianrun Testing Technology Co.,Ltd.



Approved by: _____

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Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: Air duster

Manufacture: Dongguan Heyi E-Commerce Co.,Ltd.

Address: Guangdong Dongguan Room 105, Building 1, No. 61, Zhongtang Section, Beiwang Road, Zhongtang Town

Emergency Telephone: 13711466737

Email: 13711466737@163.com

Section 2 - Hazards Identification

GHS Hazard Categories: Aerosol (Category 3).



Pictograms:

Signal word: Warning

Hazard information:

Gases under pressure Liquefied gas

H229 Pressure vessel: it can burst in case of heat.

Precautionary statement(s):

• **Prevention:**

P210 Keep away from heat sources, hot surfaces, sparks, open flames and other ignition sources. No Smoking.

P211 Do not spray on open flames or other ignition sources.

P251 Do not puncture or burn, even if it is no longer used.

• **Response:**

P370+P378 In case of fire: use the appropriate extinguishing medium mentioned in Part V of MSDS to extinguish the fire.

• **Storage:**

P410+P412 Sun proof. Do not expose to temperatures exceeding 50 ° C/122 ° F.

• **Disposal:**

P501 Dispose of contents / containers in accordance with local / regional / national / international regulations.

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Section 3 - Composition/Information on Ingredient

Pure ☐ Admixture ☒

Composition:

Chemical Name	In % By Weight	CAS No.
Carbon dioxide	1%-5%	124-38-9
Isobutane	10%-25%	75-28-5
Trans-1,3,3,3-tetrafluoroprop-1-ene	30%-70%	1645-83-6

Section 4 - First Aid Measures

Skin contact: Remove contaminated clothes and rinse the skin with plenty of water, clean the soiled clothes before wearing.**Eyes contact:** Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water.**Inhalation:** Remove from exposure and move to fresh air immediately, maintain peogaster patency, give oxygen when breathing difficulty.**Ingestion:** Ingestion discomfort, get medical aid.

Section 5 - Fire Fighting Measures

Danger characteristic:

Class 2.2 Aerosol dangerous goods.

Fire-fighting method:

The staff must equip with isolated breathing apparatus, wear clothes which can defense fire and toxic gases. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible.

Fire extinguishing agent:Powder, CO₂, Sandy clay.

Section 6 - Accidental Release Measures

Emergency treatment: Leakage of contaminated areas to evacuate personnel to safety, as far as possible to cut off sources of pollution. Small amount of divulgence: clean off. Collecte in a dry, clean, covered container and transferred to safe place;

Massive divulgence: Recycle or transport to waste treatment place for handling.

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Section 7 - Handling and Storage

Handling: Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear appropriate personal protective equipment. Keep away from the fire source, heat source, no smoking in the work place. Take care when lifting and handling in case of damaging the package. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling.

Storage: Keep in sealed container, place in a cool dry place.

Section 8 - Exposure Controls, Personal Protection

Occupational exposure limit:

MAC(mg/m3):No information

TWA(mg/m3):No information

STEL(mg/m3):No information

Engineering control: The production process space is closed, need to strengthen the ventilation. Make sure that there is a wash and shower in the vicinity of the workplace. Set emergency evacuation routes.

Respiratory Protection: No protection in normal situation.

Eyes Protection: No protection in normal situation.

Body Protection: Wear work clothes.

Hands Protection: Wear protective gloves.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

Section 9 - Physical and Chemical Properties

Appearance: Aerosol

Colour: Colorless transparent

PH: neutral

Melting point/range: N/A

Density: N/A

Oxidising properties: N/A

Solubility in water: N/A

Partition coefficient(n-octanol / water): N/A

Evaporation rate: N/A

Odour: Odourless

Boiling point/range: -26.2°C

Flashpoint: Does not flash

Viscosity: N/A

Vapour pressure: 4192 hPa @20 °C

Vapour density: 4 (air=1.0)

Ignition temperature: N/A UEL: N/A

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Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure

Distribution of Ban: Strong oxidizing agent, strong acid

Conditions to Avoid: Heat. Aerosol containers are unstable at temperatures above 49°C (120.2°F)

Hazardous Polymerization: None

Decomposition products: In normal condition of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Acute Toxicity: No known significant effects or serious harm.

Sub-acute and Chronic Toxicity: No known significant effects or serious harm.

Irritation: No known significant effects or serious harm.

Sensitization: No known significant effects or serious harm.

Mutagenicity: No known significant effects or serious harm.

Carcinogenicity: No known significant effects or serious harm.

Section 12 - Ecological Information

Ecological toxicity: None

Persistence and degradation: No information

Potential bioaccumulation: No information

Migration in soil: No information

Other harmful effects: None

Section 13 - Disposal Considerations

Disposal method: Dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Disposal considerations: Choose to have certified disposal contractor.

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Section 14 - Transport Information

UN number:UN1950

Risk classification:Class 2.2(AEROSOLS)

EMS No.: F-D;S-U

Proper shipping name:AEROSOLS

Land Transport ADR/RID:Class 2.2 (AEROSOLS) dangerous goods handling.

Maritime Transport IMO/IMDG:Class 2.2 (AEROSOLS) dangerous goods handling.

Air Transport IATA/ICAO:Class 2.2(AEROSOLS) dangerous goods handling.

Packaging Information: Compressed air tank.

Transport Fashion:By sea、By air、By rail、By highway

Transport Attentions: No collapse or no damage during the course of transportation. Corresponding varieties and number of fire equipment and contingency processing equipment should be equipped during the course of transportation. Strictly prohibit put the goods together with oxidizer, acid, etc. for transport. During transport, the goods should prevent exposure, rain and high temperature. Keep away from fire.

Section 15 - Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

《Dangerous Goods Regulation》

《International Maritime Dangerous Goods》

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof.

Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

End of MSDS