

Safety Data Sheet (SDS)

The content and format of this SDS is accordant with 29 CFR 1910.1200 (OSHA standard)

1. Identification

Product identifier:

Product name: Split air conditioner

Other means of identification:

Product code: --

Recommended use of the chemical and restrictions on use: It is used to regulate the temperature. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

Manufacturer/Supplier: Waykar Inc.

Address: 12864 BISCAYNE BLVD 255, NORTH MIAMI, FL 33181 USA

Postcode: 33181

Tel.: +86-18139922790

Email: Kiki@waykar.com

Emergency phone number: Kiki@waykar.com

2. Hazards identification

Note: This product is an portable air conditioner. Under normal conditions, there is no danger associated with this product. The following classification, hazard labeling, and precautionary measures apply only to the gas inside the portable air conditioner. The gas inside the portable air conditioner is highly flammable and is under pressure. It may explode when exposed to heat.

GHS classification:

Physical hazards:	Flammable gases - Category 1A Gases under pressure – Category Liquefied gas
Health hazards:	Not classified
Environmental hazards:	Not classified

Signal Word: **Danger**

Pictograms:



Hazard Statements:

H220: Extremely flammable gas.

H280: Contains gas under pressure; may explode if heated.

Precautionary Statements:

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

Response Precautionary Statements:

P377: Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

P381: In case of leakage, eliminate all ignition sources.

Storage precautionary statements:

P403: Store in a well-ventilated place.

P410 + P403: Protect from sunlight. Store in a well-ventilated place.

Disposal precautionary statements:

No special requirements.

Other hazards: Not found.

3. Composition/information on ingredients

Product description: substance (√); mixture ().

Ingredient (s)	CAS No.	EC No.	% by weight
Methylene fluoride	75-10-5	200-839-4	100

4. First aid measures

Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:

Inhalation: No special measures as there is no hazard for normal contact. If discomfort occurs after inhaling dust or fume from processing or thermal decomposition, remove to a place where air is fresh.

Skin Contact: No special measures as there is no hazard for normal contact. Wash with plenty of soap and water.

Eyes Contact: No special measures as there is no hazard for normal contact. If dust or fume from processing enters eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: It's almost impossible to swallow this product. As for deliberate swallowing, do not induce vomiting without professional instruction, but get medical attention if discomfort occurs.

Acute effect and delayed effect:

Acute effect: Not found.

Delayed effect: Not found.

Personal protective equipment: Wear protective gloves/protective clothing/eye protection/face protection when necessary.

Indication of immediate medical attention and treatment needed, if necessary: Treat according to symptoms and exposure dose.

5. Fire-fighting measures

Extinguishing Media: Use dry chemicals, carbon dioxide for extinction.

Unsuitable Extinguishing Media: Reinforced liquid (straight stream).

Special hazards arising from the chemical: The gas inside the portable air conditioner is highly flammable and is under pressure. It may explode when exposed to heat.

Fire Fighting Method:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

Special actions for fire-fighters: Firefighters must wear self-contained breathing apparatus and full protective equipment. Check whether the protective equipment is in good condition before use.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures:

Personal precautions: Use proper personal protective equipment as indicated in Section 8.

Emergency procedures: Immediately contact emergency personnel. Immediately evacuate personnel to safe areas. Unprotected persons must be kept away. Remove all sources of ignition. Avoid contact with skin (possible frostbite). Ventilate the area/local. In case of insufficient ventilation, wear self-contained breathing apparatus.

Environmental precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

Methods and material for containment and cleaning up:

Stop the source of the release, if safe to do so. Consider the use of water spray to disperse vapors. Isolate the area until gas has dispersed. Ventilate and gas test area before entering. Contact competent authorities after a spill.

7. Handling and storage

Precautions for safe handling:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

Conditions for safe storage, including any incompatibilities: Store it in a well-ventilated, cool and dry store room. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

Incompatible substances or mixtures: No relevant information.

Packing material: No information available.

8. Exposure controls/personal protection

Occupational Exposure Limits:

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
Not applicable	Not applicable	Not applicable

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Install washer eyes and safety showers near to the handling and storage area.

Personal Protective Equipment (For workers):

Protection of Hands:

Protection of Hands: Recommend wearing protective gloves for industrial hygienic purpose.



Protection of Eyes: Wear safety glasses when liquid may splash.



Respiratory Protection: Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



Protection of Body: Recommend wearing general working clothing.



General protective and hygienic measures:

Wash hands before breaks and at the end of work.

9. Physical and chemical properties

Physical state	Compressed gas
Color	No data available
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Flammability (solid, gas, etc.)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Density	No data available
Relative density	No data available
Solubility (ies)	Negligible
Partition coefficient: n-octanol/Water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Particle characteristics	No data available

Other information

No data available

10. Stability and reactivity

Reactivity: Not reactive under normal handling and storage.

Chemical stability: Stable under normal temperatures and pressures.

Possibility of hazardous reactions: Not reactive under normal handling and storage.

Conditions to Avoid: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

Incompatible materials: No relevant information.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Product Toxicity Data:

Ingredient (s)	CAS No.	LD ₅₀ /LC ₅₀ (Median lethal dose)
Methylene fluoride	75-10-5	Acute toxicity (Inhalation: Gases) LC ₅₀ > 520,000 ppm/4h (rat) Data source: ECHA
Classification of the whole product:		Not classified

Skin corrosion/irritation	No classification for this product.
Serious eye damage/eye irritation	No classification for this product.
Sensitisation, respiratory	No classification for this product.
Sensitisation, skin	No classification for this product.
Germ cell mutagenicity	No classification for this product.
Carcinogenicity	No classification for this product.
Reproductive Toxicity	No classification for this product.
Specific target organ toxicity, single exposure:	No classification for this product.
Specific target organ toxicity, repeated exposure:	No classification for this product.
Aspiration hazard	No classification for this product.

12. Ecological information

Ecotoxicity:

Methylene fluoride (CAS: 75-10-5):

96h-LC₅₀: 1,405 mg/L, fish (*Pimephales promelas*) (ECHA)

48h-EC₅₀: 1,573 mg/L, aquatic invertebrates (*Daphnia magna*) (ECHA)

96h-EC₅₀: 1,888 mg/L, algae (*Raphidocelis subcapitata*) (ECHA)

Classification of the whole product: Not classified

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in Soil: No data available.

Other adverse effects: No relevant information.

13. Disposal considerations

Waste treatment methods:

It is recommended to use physical and chemical treatment methods for waste disposal.

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Paste a label on the container indicating the possible hazards of the waste.

14. Transport Information

DOT/Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG:

UN proper shipping name: Refrigerating machines

Transport hazard class(es): 2.1

UN number: 3358

Packing Group: Not applicable

Packing Group Symbol:



Marine Pollutant (Yes/No): No

EMS NO.: F-D S-U

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

Special precautions:

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

Note: This product is an portable air conditioner containing Methylene fluoride (flammable, non-toxic) from 290 grams, which complies with the Special Provision 291 under UN 3358 (REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas) and can be transported as a non - hazardous goods.

SP 291: Flammable liquefied gases shall be contained within refrigerating machine components. These components shall be designed and tested to at least three times the working pressure of the machinery. The refrigerating machines shall be designed and constructed to contain the liquefied gas and preclude the risk of bursting or cracking of the pressure retaining components during normal conditions of transport. Refrigerating machines and refrigerating-machine components are considered not subject to these Regulations if they contain less than 12 kg of gas.

15. Regulatory information

United States:

Emergency Planning and Community Right-to-Know Act (EPCRA) section 313 chemicals:

Chemical Name	CAS No.	Weight-%	SARA 313 – Threshold Values %
Not applicable	Not applicable	Not applicable	Not applicable

40 CFR part 355 (Extremely Hazardous Substances): Not listed.

California Proposition 65 (Chemicals Known to the State to Cause Cancer or Reproductive Toxicity):

Chemical Name	CAS No.	Type of Toxicity
Not applicable	Not applicable	Not applicable

Clean Water Act:

Ingredient (s)	CWA - Reportable Quantities	CWA - Hazardous Substances	CWA - Priority Pollutants	CWA - Toxic Pollutants
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Toxic Substances Control Act (TSCA):

Chemical Name	CAS No.	TSCA Inventory
Methylene fluoride	75-10-5	Listed

Carcinogenicity categories: Not applicable.

Other relevant laws and regulations:

Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed.

REACH Regulation Annex XVII Regulation List: Not listed.

REACH Regulation Annex XIV Authorization List: Not listed.

(EC) 1272/2008 Annex VI Table 3.1:

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
Not applicable	Not applicable	Not applicable

Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

16. Other information

DISCLAIMER:

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

References:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev.7, 2017)

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev.8, 2019)

ANSI Z400.1/Z129.1-2010

OSHA Hazard Communication Standard (HCS) 2024

Full description of some acronyms:

CAS-Chemical Abstracts Service

EINECS-European Inventory of Existing Commercial Chemical Substances

IMO-International Maritime Organization

IMDG-International Maritime Dangerous Goods

IATA-International Air Transport Association

ICAO-International Civil Aviation Organization

TSCA-Toxic Substances Control Act

OSHA-Occupational Safety and Health Administration

ACGIH- American Conference of Governmental Industrial Hygienists

ECHA- European Chemicals Agency

NITE-CHRIP- Japan National Institute of Technology and Evaluation-Chemical Risk Information Platform

The Issuing date: April 24, 2026

SDS Version: 1.0

*****The End*****