

SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2022020835

Date: February 22, 2022

Page: 1/9

Applicant Name : DONGGUAN JHS ELECTRICAL CO .LTD

Applicant Address : NO.18 DONGPING AVENUE ,TIANWEI VILLAGE, CHANGPING
TOWN DONGGUAN CITY ,GUANGDONG, PROVINCE,P.R.CHINA

Product Name : DEHUMIDIFIER

Received Date : February 17, 2022

Compilation Period : February 17, 2022 to February 22, 2022

Regulatory Requirements : As requested by the applicant, the Safety Data Sheet is prepared according to *Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Rev_8 (2019)* .



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SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2022020835

Date: February 22, 2022

Page: 2/9

SECTION 1. Identification of the substance/preparation and company

- 1.1 Product Identification** : DEHUMIDIFIER (R410)
- 1.2 Model No.** : D025B-25PT、D025B-35PT、D026B-50PT1、D026B-50PT1-P、FHCD251AWG、FHCD351AWG、FHCD501AWG、FHCD501PWG
- 1.3 Recommended Use** : /
- 1.4 Manufacturer Name** : DONGGUAN JHS ELECTRICAL CO .LTD
- 1.5 Manufacturer Address** : NO.18 DONGPING AVENUE ,TIANWEI VILLAGE,
- 1.6 Manufacturer Tel** : 0769-38930666
- 1.7 Manufacturer Fax** : 0769-38936728
- 1.8 Manufacturer Email** : SHIPPING@JHS8.COM
- 1.9 Emergency Phone** : 0769-38930666

SECTION 2. Hazards identifications

2.1 Hazard Class:

According to Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Rev_8 (part 2~4), classification of risk categories.

High pressure gas, compressed gas

2.2 Pictograms:



2.3 Signal word:

Danger

2.4 Hazard description:

H280 Contains gas under pressure; may explode if heated.

2.5 Precautionary description:



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Report No. NB2022020835

Date: February 22, 2022

Page: 3/9

None

SECTION 3. Composition / information on ingredients

This product contains refrigerant gas and other harmless components.

Refrigerant gas ingredient:

Substance name	Conc. (%)	CAS. No	Hazard Category
Difluoromethane	45	75-10-5	H280: Press. Gas H220: Flam. Gas 1
Pentafluoroethane	55	354-33-6	H280: Press. Gas

SECTION 4. First aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

4.1 Following inhalation:

No contact hazard under normal use.

4.2 Following skin contact:

No contact hazard under normal use.

4.3 Following eye contact:

No contact hazard under normal use.

4.4 Following ingestion:

No contact hazard under normal use.

SECTION 5. Firefighting measures

5.1 Hazardous Characteristics:

Containers may explode when heated.

May expand or decompose explosively when heated or involved in fire.

5.2 Extinguishing Media:

Dry powder, Chemical foam, Carbon dioxide, water mist.

SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2022020835

Date: February 22, 2022

Page: 4/9

5.3 Firefighting procedures:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

5.4 Hazardous combustion products:

None

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective measures (SEE SECTION 8).
Remove all sources of ignition.

6.2 Environmental precautions:

No special requirements.

6.3 Cleaning method:

No special requirements.

SECTION 7. Safe handling and storage

7.1 Handling Notes:

Stay away from heat and direct sunlight.

7.2 Storage Notes:

Stored in cool and dry condition.
Do not store with incompatible material (see section 10.2)

SECTION 8. Exposure controls / personal protection

8.1 Occupational Exposure Limit:

Substance	Country/Region	Occupational exposure limit (8h)		Occupational exposure limit (short time)	
		ppm	mg/m ³	ppm	mg/m ³
Difluoromethane	GBZ 2.1-2019	-	2	-	-



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SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2022020835

Date: February 22, 2022

Page: 5/9

8.2 Engineering Control:

Be airtight during the producing process, strengthen ventilate and exhaust.

8.3 Personal Protection:

If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.

8.4 Sanitary Measure:

Forbid smoking, eating and drinking in working places. Washing hands after handling products.

SECTION 9. Physical and chemical properties

Appearance and Color	Colorless gas
Odour	Odorless
PH value	Not Applicable
Flammability	Combustible
Density(g/cm ³)	1.248
Relative steam density (air = 1)	Not Applicable
Vapor pressure(MPa)	Not Applicable
Octanol/water partition coefficient	No Data
Viscosity	Not Applicable
Flash point(°C,Closed cup)	>70
Boiling point(°C)	-48
Melting point (°C)	-103
Evaporation rate (kg/s)	Not Applicable
UEL %(V/V)	No Data
LEL %(V/V)	No Data
Auto-ignition temperature(°C)	No Data
Decomposition temperature(°C)	No Data
Solubility	Soluble in water

SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2022020835

Date: February 22, 2022

Page: 6/9

SECTION 10. Stability and reactivity

10.1 Stability:

Stable under recommended storage and handling conditions (See section 7).

10.2 Material for avoiding:

Strong oxide, acid and alkali.

10.3 Contact conditions for avoiding:

Sunlight, high temperature.

10.4 Hazardous decomposition products:

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

SECTION 11. Toxicological information

11.1 Acute toxicity:

Based on available data, the classification criteria are not met.

11.2 Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

11.3 Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

11.4 Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

11.5 Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

11.6 Carcinogenicity:

Based on available data, the classification criteria are not met.

11.7 Reproductive toxicity:

Based on available data, the classification criteria are not met.

11.8 STOT-single exposure:



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Date: February 22, 2022

Page: 7/9

Based on available data, the classification criteria are not met.

11.9 STOT-repeated exposure:

Based on available data, the classification criteria are not met.

11.10 Aspiration hazard.:

Based on available data, the classification criteria are not met.

SECTION 12. Ecological information

12.1 Toxicity:

No data available.

12.2 Persistence and degradability:

No data available.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil

No data available.

12.5 Other Dangers:

No data available.

SECTION 13. Disposal considerations

13.1 Handling method for waste:

Suggestions recycling/burning/landfill/ based on corresponding regulations.

13.2 Handling method for uncleaned packaging

Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.

SECTION 14. Transport information

According to *Recommendations on the TRANSPORT OF DANGEROUS GOODS* Special provisions 119 Refrigerating machines and refrigerating machine components are not subject to these Regulations if they


SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2022020835

Date: February 22, 2022

Page: 8/9

contain less than 12 kg of gas in Division 2.2 or less than 12 L.

Packaging Label	
UN NO	1078
Technical name	REFRIGERANT GAS, N.O.S.
Transport hazard class	2.2
Subsidiary hazard class	None
Packing group	Not Applicable
Marine pollutant	No

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations / laws for pure substances or mixtures

Catalogue of hazardous chemicals (2015 Edition)

Catalogue number: 341

Name: difluoromethane|R32

CAS No: 75-10-5

EC No: 200-839-4

15.2 Safety assessment of chemical substances

Not evaluated

SECTION 16. Other information

The above information is based on the data of which we are aware and is believed to be correct as of the date 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 date hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use, this information is furnished

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Date: February 22, 2022

Page: 9/9

upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

***** END *****