

AIRDUSTER NON-FLAMMABLE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 - Product identifier

Trade name/designation AIRDUSTER NON-FLAMMABLE

Chemical name

Product-type Mixture

Product code KF04505

UFI: 7110-S03P-Y00S-ESC2

1.2 - Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

- Aerosols

- Consumer uses: Private households (= general public = consumers)

1.3 - Details of the supplier of the safety data sheet

INTERACTION

Jean-Baptiste de Ghellincklaan 23, box 101

9051 Gent Belgium

Telephone : +32 9 380 8248; +32 9 380 8249

info@interaction-connect.com

1.4 - Emergency telephone number

Poison Control Centre (Austria)

Tel. No.: +43 1 406 4343

Antigif Centrum Centre Antipoisons (Belgium)

Tel. No.: +32 070 245 245

National Toxicology Centre, Hospital for Active Medical Treatment and Emergency Medicine "N.I.Pirogov" (Bulgaria)

Tel. No. / fax: +359 2 9154 233

Poison Control Centre (Croatia)

Tel. No.: +385 1 234 8342

Toxicological Information Centre (Czech Republic)

Tel. No.: +420 224 919 293 / +420 224 915 402

Poison Control Hotline (Denmark)

Tel. No.: +45 82 12 12 12

Poisoning Information Centre (Estonia)

Tel. No.: +372 794 3794 (or 16662 national)

Poison Information Centre (Finland)

Tel. No.: +358 09 471 977

ORFILA (INERIS) (France)

Tel. No.: +33 (0) 1 45 42 59 59

Health Toxicological Information Service (Hungary)

Tel. No.: +36 80 20 11 99

AIRDUSTER NON-FLAMMABLE

Poison Centre (Iceland)
Tel. No.: +354 543 2222

CAV Milano Niguarda Ca' Granda (Italy)
Tel. No.: +39 02 66101029
CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA
Tel. No.: +39 06 68593726

Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs (Latvia)
Tel. No.: +371 670 42473

The State Medicines Control Agency (SMCA), Poison Information Bureau (PIB) (Lithuania)
Tel. No.: +370 5 236 20 52

Mater Dei Hospital (Malta)
Tel. No.: +356 2545 0000

National Poisons Information Centre (NVIC) (Netherlands)
Tel. No.: +31 (0) 30 274 8888

Mental Health Helpline (Norway)
Tel. No.: +47 22 59 13 00

Instituto Nacional de Emergência Médica (Portugal)
Tel. No.: +351 213 303 271

Biroul RSI si Informare Toxicologica (Romania)
Tel. No.: +40 021 318 3606

National Toxicological Information Centre (NTIC) (Slovakia)
Tel. No.: +421 2 5477 4166

Toxicology Information Service (Spain)
Tel. No.: +34 91 562 04 20

Swedish Poisons Information Centre (Sweden)
Tel. No.: +46 08 331231

Emergency Action (United Kingdom): Emergency phone number when using this product Tel. No.: +370 682 54054 (phone number is available from 8 am - 10 pm/ Monday-Friday; Kaunas, Lithuania).
In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

| | |
|-----------|----------------------|
| Aerosol 3 | Aerosol - Category 3 |
|-----------|----------------------|

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

| | | |
|-------------------|---|---------|
| Signal word | : | Warning |
| Pictograms | : | None |
| Hazard statements | | |

AIRDUSTER NON-FLAMMABLE

| | |
|--------------------------|--|
| H229 | Pressurised container: May burst if heated |
| Precautionary statements | |
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P251 | Do not pierce or burn, even after use. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |
| EUH-phrases | : None |

Regulation (EC) No. 648/2004 (Detergents regulation)

2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

vPvB-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

Other hazards which do not result in classification - Refrigerated liquefied gas. Contact with the product can cause cold burns or frostbite.
- Ingestion causes nausea, weakness and central nervous system effects.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

| Chemical name | No | % | Class(es) | Specific concentration limit |
|-------------------------------------|---|---------------|------------|------------------------------|
| Trans-1,3,3,3-Tetrafluoroprop-1-ene | CAS No. : 29118-24-9 Index No. : EC No. : | > 50 - <= 100 | Press. Gas | Not applicable |

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - Provide fresh air.
- Medical examination necessary even merely on suspicion of intoxication.

Following skin contact - When in doubt or if symptoms are observed, get medical advice.

After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

After ingestion - When in doubt or if symptoms are observed, get medical advice.

AIRDUSTER NON-FLAMMABLE

4.2 - Most important symptoms and effects, both acute and delayed

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - No information available.

Symptoms and effects - After eye contact - No information available.

Symptoms and effects - After ingestion - No information available.

4.3 - Indication of any immediate medical attention and special treatment needed

- Treat symptomatically. Antidotal dispensation.

- In case an intoxication is suspected, National Poisons Information Centre should be addressed immediately, number of Emergency telephone see in section 1.4.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media - Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hazardous decomposition products

- Carbon dioxide (CO₂)
- Carbon monoxide
- Hydrogen fluoride
- Carbonyl difluoride

5.3 - Advice for firefighters

- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

- Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Use personal protection equipment.
- Provide adequate ventilation.

For emergency responders - No information available.

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.

- Ensure waste is collected and contained.

6.3 - Methods and material for containment and cleaning up

AIRDUSTER NON-FLAMMABLE

Methods and material for containment - Soak up inert absorbent and dispose as waste requiring special attention.

Methods and material for cleaning up

- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
- Take up carefully when dry.
- Clear contaminated areas thoroughly.
- Clean contaminated articles and floor according to the environmental legislation.

Inappropriate techniques - No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation - Do not pierce or burn, even after use.

Advices on general occupational hygiene

- Wash hands before breaks and after work.
- When using do not eat, drink, smoke, sniff.

7.2 - Conditions for safe storage, including any incompatibilities

- Do not store together with: Food and feedingstuffs
- Keep container tightly closed in a cool, well-ventilated place.

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

Trans-1,3,3,3-Tetrafluoroprop-1-ene (29118-24-9)

| | |
|--------------------|---------|
| IOELV TWA ppm (UE) | 800 ppm |
|--------------------|---------|

DNEL / PNEC

Trans-1,3,3,3-Tetrafluoroprop-1-ene (29118-24-9)

| Type | Value | User | Effect |
|---------------------------|------------------------|-----------|----------|
| DNEL long-term inhalative | 3902 mg/m ³ | Workers | Systemic |
| DNEL long-term inhalative | 830 mg/m ³ | Consumers | Systemic |
| PNEC aquatic, freshwater | 0.1 mg/l | | |

8.2 - Exposure controls

Appropriate engineering controls - No information available.

Individual protection measures, such as personal protective equipment - Tested protective gloves must be worn



AIRDUSTER NON-FLAMMABLE

- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Suitable protective clothing: lab coat



- Eye glasses with side protection

- DIN EN 166

- If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Environmental exposure controls

- Further information: see technical data sheet.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

| <u>Physical state</u> | <u>gaseous</u> | <u>Appearance</u> | <u>Aerosol</u> |
|-------------------------------|----------------|------------------------|-----------------------|
| <u>Colour</u> | | <u>Odour</u> | <u>characteristic</u> |
| Odour threshold | | No data available | |
| pH | | No data available | |
| Melting point | | No data available | |
| Freezing point | | No data available | |
| Boiling point | | No data available | |
| Flash point | | No data available | |
| Evaporation rate | | No data available | |
| flammability | | No data available | |
| Lower explosion limit | | No data available | |
| Upper explosion limit | | No data available | |
| Vapour pressure | | 5 bar | |
| Vapour density | | No data available | |
| Relative density | | No data available | |
| Density | | 1.17 g/cm ³ | |
| Solubility (Water) | | 0.373 g/l | |
| Solubility (Ethanol) | | No data available | |
| Solubility (Acetone) | | No data available | |
| Solubility (Organic solvents) | | No data available | |
| Log KOC | | 1.6 | |
| Auto-ignition temperature | | 368 °C | |
| Decomposition temperature | | No data available | |
| Kinematic viscosity | | No data available | |
| Dynamic viscosity | | No data available | |

Particle characteristics

AIRDUSTER NON-FLAMMABLE

| | |
|---------------|-------------------|
| Particle size | No data available |
|---------------|-------------------|

9.2 - Other information

| | |
|-------------------------|-------------------|
| VOC content | 0 % |
| Minimum ignition energy | No data available |
| Conductivity | No data available |

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

- Frost

10.5 - Incompatible materials

- Alkaline earth metal

10.6 - Hazardous decomposition products

- Carbon dioxide

- Carbon monoxide

- Carbonyl difluoride

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

| | |
|---------------------------------------|-------------------|
| LD50 oral (rat) | No data available |
| LD50 dermal (rat) | No data available |
| LD50 dermal (rabbit) | No data available |
| LC50 inhalation (rat) | No data available |
| LC50 inhalation dusts and mists (rat) | No data available |
| LC50 inhalation vapours (rat) | No data available |

- No information available.

Toxicity : Substances

| | |
|--|---------------|
| Trans-1,3,3,3-Tetrafluoroprop-1-ene (29118-24-9) | |
| LC50 inhalation (rat) | > 207000 ppmV |

AIRDUSTER NON-FLAMMABLE

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

- data lacking

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

- This substance does not have endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

| | |
|-----------------------------------|-------------------|
| EC50 48 hr crustacea | No data available |
| LC50 96 hr fish | No data available |
| ErC50 algae | No data available |
| ErC50 other aquatic plants | No data available |
| NOEC chronic fish | No data available |
| NOEC chronic crustacea | No data available |
| NOEC chronic algae | No data available |
| NOEC chronic other aquatic plants | No data available |

Toxicity : Substances

Trans-1,3,3,3-Tetrafluoroprop-1-ene (29118-24-9)

| | |
|----------------------|------------|
| EC50 48 hr crustacea | > 160 mg/l |
| LC50 96 hr fish | > 117 mg/l |
| ErC50 algae | > 170 mg/l |
| NOEC chronic fish | > 117 mg/l |
| NOEC chronic algae | > 170 mg/l |

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

| | |
|---------------------------------|-------------------|
| Biochemical oxygen demand (BOD) | No data available |
| Chemical oxygen demand (COD) | No data available |
| % of biodegradation in 28 days | No data available |

AIRDUSTER NON-FLAMMABLE

- No information available.

12.3 - Bioaccumulative potential

| | |
|-------------------------------|-------------------|
| Bioconcentration factor (BCF) | No data available |
| Log KOC | 1.6 |

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods

- Dispose of waste according to applicable legislation.

Sewage disposal

- No information available.

Special precautions for waste treatment

- Waste requires special monitoring.
- Collect the waste separately.
- Send to a hazardous waste incinerator facility under observation of official regulations.
- The waste is to be kept separate from other types of waste until its disposal.

Community or national or regional provisions

- packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1 - UN number or ID number

| | | |
|-------------------------|---|----------------|
| <u>UN number (ADR)</u> | : | UN1950 |
| <u>UN number (RID)</u> | : | UN1950 |
| <u>UN number (ADN)</u> | : | Not applicable |
| <u>UN number (IMDG)</u> | : | UN1950 |
| <u>UN number (IATA)</u> | : | UN1950 |

14.2 - UN proper shipping name

AIRDUSTER NON-FLAMMABLE

UN proper shipping name (ADR) : AEROSOLS
UN proper shipping name (RID) : AEROSOLS
UN proper shipping name (IMDG) : AEROSOLS
UN proper shipping name (IATA) : AEROSOLS, NON-FLAMMABLE

14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 2
ADR Classification code: : 5F
Pictograms



Transport hazard class(es) (RID) : 2
Pictograms



Transport hazard class(es) (IMDG) : 2
Pictograms



Transport hazard class(es) (IATA) : 2
Pictograms



14.4 - Packing group

Packing group :
Packing group (RID) :
Packing group (IMDG) :
Packing group (IATA) :

14.5 - Environmental hazards

Environmental hazards : No
Marine pollutant : No

14.6 - Special precautions for user

AIRDUSTER NON-FLAMMABLE

ADR

| | | |
|--|---|-----------------|
| <u>ADR Classification code:</u> | : | 5F |
| <u>ADR Special provisions</u> | : | 190+327+344+625 |
| <u>ADR Limited quantity (LQ)</u> | : | 1L |
| <u>ADR Excepted quantities</u> | : | E0 |
| <u>ADR Packing instructions</u> | : | P207 LP200 |
| <u>ADR Special packing provisions</u> | : | PP87 RR6 L2 |
| <u>ADR Mixed packing provisions</u> | : | MP9 |
| <u>Instructions for portable tanks and bulk containers</u> | : | |
| <u>Special provisions for portable tanks and bulk containers</u> | : | |
| <u>ADR tank code</u> | : | |
| <u>ADR tanks special provisions</u> | : | |
| <u>Vehicle for tank carriage</u> | : | |
| <u>ADR Transport category</u> | : | 2 |
| <u>ADR Tunnel restriction code</u> | : | D |
| <u>ADR Special provisions loading, unloading and handling</u> | : | CV9 CV12 |
| <u>Special provisions - Packages</u> | : | V14 |
| <u>Special provisions - Bulk</u> | : | |
| <u>Special provisions - Operation</u> | : | S2 |
| <u>ADR Hazard identification number (Kemler No.)</u> | : | |

RID

| | | |
|------------------------------|---|-------------|
| <u>Special provisions</u> | : | 190 327 344 |
| <u>Limited quantity (LQ)</u> | : | 1L |
| <u>Excepted quantities</u> | : | E0 |

IMDG

| | | |
|--|---|----------------------------|
| <u>Special provisions</u> | : | 63 190 277 327 344 381 959 |
| <u>Limited quantity (LQ)</u> | : | |
| <u>Excepted quantities</u> | : | E0 |
| <u>Packing instructions</u> | : | P207 LP200 |
| <u>Special packing provisions</u> | : | PP87 L2 |
| <u>IBC instruction(s)</u> | : | |
| <u>IBC provisions</u> | : | |
| <u>Instructions for portable tanks and bulk containers</u> | : | |
| <u>Special provisions for portable tanks and bulk containers</u> | : | |
| <u>EmS codes</u> | : | F-D, S-U |
| <u>Stowage and handling</u> | : | Category None SW1 SW22 |
| <u>Segregation</u> | : | SG69 |
| <u>Properties and observations</u> | : | |

AIRDUSTER NON-FLAMMABLE

IATA

| | | |
|--|---|--------------------|
| <u>PCA - Excepted quantities</u> | : | E0 |
| <u>PCA - Limited Quantity - Packing Instructions</u> | : | Y203 |
| <u>PCA - Limited Quantity - Maximum Net Quantity per Package</u> | : | 30kg |
| <u>PCA - Packing Instructions</u> | : | 203 |
| <u>PCA - Maximum Net Quantity per Package</u> | : | 75kg |
| <u>CAO - Packing Instructions</u> | : | 203 |
| <u>CAO - Maximum Net Quantity per Package</u> | : | 150kg |
| <u>Special Provisions</u> | : | A98 A145 A167 A802 |
| <u>ERG Code</u> | : | 2L |

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

15.1 - Safety, health and environmental regulations/legislation specific for the substance or mixture

| | |
|------------------------------------|------|
| <u>Substances REACH candidates</u> | None |
| <u>Substances Annex XIV</u> | None |
| <u>Substances Annex XVII</u> | None |
| <u>VOC content</u> | 0 % |

Regulation (EC) No. 648/2004 (Detergents regulation)

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

| Version | Issue date | Author | Description of the amendments |
|---------|------------|--------|-------------------------------|
| 1 | 12/28/2022 | | |

Texts of the regulatory sentences

| | |
|------------|--|
| Aerosol 3 | Aerosol - Category 3 |
| H229 | Pressurised container: May burst if heated |
| Press. Gas | Gases under pressure |

*** **