

NON-FLAMMABLE AIRCRAFT INSECTICIDE D-PHENOTHRINE**FDS0005****SECTION 1 Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Identification of the product : Aerosol.
Trade name : NON-FLAMMABLE AIRCRAFT INSECTICIDE D-PHENOTHRINE
#210DN - #210DP - #222A - #222P - #222N - #203DP
#203DN - #238D
Type of product : Insecticide.

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

Use : For professional use only.
See product bulletin for detailed information.

1.3. Details of the supplier of the safety data sheet

Company identification : PSA
BP51
77312 MARNE LA VALLEE CEDEX 2 FRANCE
psa@psa-paris.com
Tél : 00 (33) 1.64.11.33.22
Fax : 00 (33) 1.64.11.30.64

1.4. Emergency telephone number

Emergency phone nr : INRS 00 (33) 1.45.42.59.59

SECTION 2 Hazards identification**2.1. Classification of the substance or mixture****Classification EC 67/548 or EC 1999/45**

Classification : R52/53

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

• **Environmental hazards** : Hazardous to the aquatic environment - Chronic hazard - Category 3 - (CLP : Aquatic Chronic 3) - H412

2.2. Label elements**Labelling EC 67/548 or EC 1999/45**

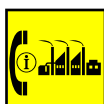
R Phrase(s) : R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrase(s) : S35 : This material and its container must be disposed of in a safe way.
S59 : Refer to manufacturer/supplier for information on recovery/recycling.
S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

Contains : 1,1,1,2-Tetrafluoroethane (R 134a)

Labelling Regulation EC 1272/2008 (CLP)

• **Signal words** : None.
• **Hazard statements** : H412 - Harmful to aquatic life with long lasting effects
• **Pictograms (Precautionary statements)**



• **Precautionary statements**

Prevention : P273 - Avoid release to the environment

Disposal considerations : P501 - Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.



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SECTION 2 Hazards identification (continued)

2.3. Other hazards

Other hazards : None under normal conditions.

SECTION 3 Composition/information on ingredients

Substance / Preparation : Preparation.

3.1./3.2. Substance / Preparation

Components : Representative hazardous substances

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
1,1,1,2-Tetrafluoroethane (R 134a) :	> 60 %	811-97-2	212-377-0	----	----	Not classified. (DSD/DPD) ----- Liquefied gas;H280
D-PHENOTHRINE :	2 %	188023-86-1	----	----	----	N; R50-53 ----- Aquatic Acute 1;H400 Aquatic Chronic 1;H410
Perfume :	< 0.1 %	----	----	----	----	R43 R52-53 ----- Skin Sens. 1;H317 Aquatic Chronic 3;H412

SECTION 4 First aid measures

4.1. Description of first aid measures

Inhalation : If you feel unwell, seek medical advice (show the label where possible).
Skin contact : Wash skin with mild soap and water.
Eye contact : In case of dust contact with eyes, rinse immediately with plenty of water.
Ingestion : Ingestion unlikely.

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

No data available.

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

No data available.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

Special hazards arising from the substance or mixture : No data available.

Extinguishing media : Dry powder. Carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

Specific hazards : Vapour mixes readily with air.

5.3. Advice for firefighters

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Prevention : No naked lights. No smoking.

Special procedures : Use water spray or fog for cooling exposed containers.

Surrounding fires : Use water spray or fog for cooling exposed containers.

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SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General precautions** : No naked lights. No smoking.
- Personal precautions** : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.2. Environmental precautions

- Environmental precautions** : Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Clean up methods** : Isolate small containers presenting a leak.
Use suitable disposal containers.

6.4. Reference to other sections

See Heading 8.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Handling** : Handle in accordance with good industrial hygiene and safety procedures. Keep away from food, drink and animal feeding stuffs.

- Precautions in handling and storage** : Keep away from sources of ignition. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Store in dry, cool, well-ventilated area. Use special care to avoid static electric charges.

- Storage - away from** : Direct sunlight. Heat sources. Sparks. Open flame.

7.3. Specific end use(s)

Not applicable.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Personal protection

- **Respiratory protection** : Not required.
- **Skin protection** : None under normal conditions.
- **Eye protection** : Not required.
- Industrial hygiene** : When using, do not eat, drink or smoke.

8.2. Exposure controls

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Liquid.
Colourless to light yellow.

Odour

Characteristic.

Odour threshold

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SECTION 9 Physical and chemical properties (continued)

No data available.

pH

Not applicable.

Melting point / Freezing point

No data available.

Initial boiling point - boiling range

No data available.

Flash point

Not applicable.

Evaporation rate

No data available.

Flammability

Not flammable.

Explosion limits (lower - upper)

No data available.

Vapour pressure

No data available.

Vapour density

No data available.

Relative density

1,16

Solubility

Insoluble.

Partition coefficient : n-octanol / water

No data available.

Auto-ignition temperature

No data available.

Thermal decomposition

No data available.

Viscosity

No data available.

Explosive Properties

No data available.

9.2. Other information

No data available.

SECTION 10 Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability**PSA**

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SECTION 10 Stability and reactivity (continued)

No data available.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid : Heat. Direct sunlight. Open flame. Sparks.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Undesirable human health effects : No adverse health effects were noted.

SECTION 12 Ecological information

12.1. Toxicity

Toxicity information : 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. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

Dispose in a safe manner in accordance with local/national regulations.

General

: Container under pressure. Do not drill or burn even after use.
WHEN TOTALLY EMPTY, containers are recyclable like any other packing.
When not empty dispose of this container at hazardous or special waste collection point.
Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

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SECTION 14 Transport information (continued)

Labelling



14.1. UN number

1950

14.2. UN proper shipping name

: AEROSOLS

14.3. Transport hazard class(es)

- ADR Class : 2

- IMO-IMDG code : 2.2

14.4. Packing group

-

14.5. Environmental hazards

No data available.

14.6. Special precautions for user

No data available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

SECTION 15 Regulatory information

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

Ensure all national/local regulations are observed.

Symbol(s) : None.

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S59 : Refer to manufacturer/supplier for information on recovery/recycling.
S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

Warning : Do not spray on naked flame or any incandescent material.
Keep away from sources of ignition. No smoking.
Keep out of reach of children.

15.2. Chemical safety assessment

No data available.

SECTION 16 Other information

List of relevant H phrases (Section 3) : H280 - Contains gas under pressure; may explode if heated
H317 - May cause an allergic skin reaction
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects
H412 - Harmful to aquatic life with long lasting effects

List of relevant R phrases (§ 3) : R43 : May cause sensitization by skin contact.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the



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SECTION 16 Other information (continued)

Further information : aquatic environment.
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