

Material safety data sheet

Product

FRIONETT CLIM

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Version : 1

Date : 03/08/2001

01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : FRIONETT CLIM
SUPPLIER :
Name : DEHON SERVICE
Address : 26, Avenue du Petit Parc
94683 VINCENNES cedex
Telephone number : 01 43 98 75 00
Telefax number : 01 43 98 21 51
Department to contact : DEHON cleaning product laboratory
EMERGENCY TELEPHONE NUMBER : ORFILA (France) : 33 1 45 42 59 59

02 COMPOSITION / INFORMATION ON INGREDIENTS

PREPARATION :
Chemical nature : Mixture of solvent and pressurized bactericidal agent
Components contributing to the hazard : Ammonia solution (CAS : 1336-21-6 ; EC classification : C; R34 - N; R50) : < 5 %

03 HAZARDS IDENTIFICATION

MOST IMPORTANT HAZARDS :
Adverse human health effects : Irritating to eyes and skin
Classification of the product : - IRRITANT

04 FIRST AID MEASURES

Inhalation :
If the person feels unwell :
Move the affected person to the fresh air
Call a doctor
Skin contact :
Rinse with plenty of water
Eye contact :
Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum)
If irritation persists, consult an eye specialist
Ingestion :
Rinse mouth out with water
If the person is fully conscious, make him/her drink plenty of water. Never give an unconscious person anything to drink
Never attempt to induce vomiting
consult a doctor

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05 FIRE FIGHTING MEASURES

Suitable extinguishing media :	Powders Carbon dioxide (CO ₂)
Specific hazards :	Not classified as flammable according to EC criteria, but may present a risk in the event of a fire On heating :
Specific fire fighting methods :	Toxic and corrosive vapours are released Cool down the containers exposed to heat with a water spray Contain the extinguishing fluids by bunding (the product is hazardous for the environment). Evacuate the personnel away from the fumes.
Protection of fire-fighters :	Do not attempt to fight the fire without suitable protective equipment Complete protective clothing Self-contained breathing apparatus

06 ACCIDENTAL RELEASE MEASURES

Personal precautions :	Avoid contact with skin and eyes Do not breathe vapours
Environmental precautions :	Avoid direct discharge into drains
Methods for cleaning up :	
- Recovery :	In case of large spillages: Recover as much product as possible
- Neutralization :	Absorb with :
- Disposal :	- saw-dust or an inert absorbent material Dispose of contaminated materials in accordance with current regulations

07 HANDLING AND STORAGE

HANDLING

Technical measures :	Does not require any specific or particular measures
Precautions :	Smoking is forbidden Avoid the build-up of electrostatic charge Work in a well-ventilated area

STORAGE

Storage conditions :	
- Recommended :	Store :
	- the container tightly closed and dry - in a cool, well-ventilated area - away from any source of ignition - at temperatures not exceeding 50°C.
Incompatible products :	Oxidizing materials Reducing materials. Ammonium salts
Packaging materials :	
- Recommended :	Original packaging

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures :	Ensure good ventilation of the work station Extraction to remove vapours at their source.
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Personal protective equipment :

- Respiratory protection :

In the event of insufficient ventilation:

Self-contained breathing apparatus.

- Hand protection :

Impermeable protective gloves

- Eye protection :

Safety spectacles

Collective emergency equipments :

Eye fountain

Hygiene measures :

Do not drink, eat or smoke in the workplace

Always wash hands after handling the product

09 PHYSICAL AND CHEMICAL PROPERTIES

Physical state :

Liquid under pressure

Colour :

colourless

Odour :

characteristic

pH :

Not applicable

Flammability characteristics :

- Flash point :

None

Vapour pressure :

3 bar at 20 °C

7 bar at 50 °C.

Specific gravity :

< 1 g/cm³ at 20 °C

Solubility :

- in water :

Soluble

10 STABILITY AND REACTIVITY

Stability :

Stable at ambient temperature and under normal conditions of use

Hazardous reactions :

- Conditions to avoid :

- high temperatures, naked flames

- Materials to avoid :

- oxidizing materials.

- reducing materials.

- ammonium salts.

- Hazardous decomposition products :

Carbon oxides (CO, CO₂)

11 TOXICOLOGICAL INFORMATION

Local effects :

Irritating to the skin

Irritating to the eyes

Sensitization :

No sensitizing effect is known

12 ECOLOGICAL INFORMATION

No data available

Do not allow the product, as is, to spread into the environment

13 DISPOSAL CONSIDERATIONS

CONTAMINATED PACKAGING :

Decontamination/cleaning :

Empty the packaging completely prior to disposal

Destruction/Disposal :

May be disposed of with non-hazardous industrial waste.

NOTE :

The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal

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14 TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS :

Land :

- Rail/road (RID/ADR) :

UN number : 1950

Class : 2

Item number : 5° T

Labelling : 6.1

Safety recommendations : 20G53

Description :

Aerosols

Sea (IMO/IMDG) :

UN Number : 1950

Class : 2

Code page : 2102

Labelling : 6.1

Air (ICAO-IATA) :

UN number : 1950

Class : 2.2

Subsidiary risk : 6.1

Labelling : 6.1

NOTE :

The above regulatory prescriptions are those valid on the date of publication of this sheet

However, given the possible evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency

15 REGULATORY INFORMATION

EC LABELLING :

- Symbols and danger information :

Mandatory labelling (self-classification) of hazardous preparations : applicable

- IRRITANT (Xi)

(voluntarily labelling)

- R phrases :

R 36/38 : Irritating to eyes and skin

- S phrases :

S 24/25 : Avoid contact with skin and eyes

S 26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 2 : Keep out of reach of children.

- Additional phrases :

Container under pressure. Protect against sunlight and do not expose to temperatures exceeding 50°C. Do NOT burn or pierce following use. Do NOT spray near a flame or very hot object.

NOTE :

The regulatory information given in this part only indicate the principal regulations specifically applicable to the product described in the Safety Data Sheet.

The cited basic Community texts are being updated and transcribed in national law.

Refer to all applicable national, international and local regulations or provisions.

The user's attention is drawn to the possible existence of additional provisions which complete these regulations.

16 OTHER INFORMATION

Recommended uses :

Treatment product for air conditioning and heating

See technical instructions

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This sheet complements the technical sheets but does not replace them. The information given is based on our knowledge of the product, at the time of publication. It is given in good faith.

Besides, the attention of the user is drawn to the possible risks incurred by using the product for any other use than that for which it was intended.

In no way does this exempt the user from knowing and applying all the regulations controlling his activity. He alone will take on the responsibility for taking the precautions involved by the use of the product.

The aim of all the mandatory regulations mentioned is just to help the user to fulfil his obligations regarding the use of hazardous products.

This information must not be considered exhaustive. It does not exempt the user from ensuring that other obligations than those mentioned could apply, related to the storage and use of the product, this being his sole responsibility.

End of document.

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