

**MATERIAL SAFETY DATA SHEET**

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Version : 5

Date : 30 / 6 / 2015

Supersedes : 9 / 1 / 2014

**FRIONETT ACTIV' RTU****100450400****SECTION 1 Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Trade name** : FRIONETT ACTIV' RTU**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1 Relevant identified uses** : Ready for use product for the holding and maintenance of refrigeration and air-conditioning systems**1.3. Details of the supplier of the safety data sheet**: DEHON SERVICE  
26 Avenue du Petit Parc  
94683 VINCENNES Cedex France  
Tel : +33 (0) 1 43 98 75 00  
Fax : +33 (0) 1 43 98 21 51**SUPPLIER :**: DEHON SERVICE  
26 Avenue du Petit Parc  
94683 VINCENNES Cedex France  
Tel : +33 (0) 1 43 98 75 00  
Fax : +33 (0) 1 43 98 21 51**DISTRIBUTOR :****Germany:**: Dehon Kälte-Fachvertriebs GmbH  
Robert-Bosch-Strasse 14  
40668 MEERBUSCH  
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Polígono Industrial SEPES  
Parcela 10  
46500 SAGUNTO (Valencia)  
Tél. : 00 34 9 6 266 36 32**Hungary :**: Climalife Hongrie Kft  
Rét U.2  
H - 2040 BUDAÖRS  
Tél. : 00 36 23 431 660**Italy :**: Climalife  
Supplied by Inventec Performance Chemicals Italia SRL  
Via Pusterla n° 8  
I-20013 Magenta (MI)  
Tél. : 00 39 02 4840 1206**e-mail**

: ContactFDS@climalife.dehon.com

**1.4 Emergency telephone number**: EMERGENCY TELEPHONE NUMBER (24h/24) : + 33 (0) 1 72 11 00 03  
Anti-poison Center : INRS/ORFILA (France) : +33 (0) 1 45 42 59 59  
Anti-poison Centre (Belgium) : +32 70 245 245  
Anti-poison Centre (Spain) : +34 91 562 04 20  
Anti-poison Centre (Netherlands) : +31 30 274 8888  
Anti-poison Centre (United Kingdom) : +44 870 600 6266  
Poisons Information Centre (Hungary) : +36 80 201 199  
National Institute of Public Health (Romania) : +40 21 3183606  
Anti-poison Centre (Switzerland) : 145 (from Switzerland) or +41 44 251 51 51**DEHON SERVICE**26 Avenue du Petit Parc 94683 VINCENNES Cedex France  
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## SECTION 2 Hazards identification

- \* **2.1. Classification of the substance or mixture**
- 2.1.1. Regulation (EC) No 1272/2008 (CLP)** : This product is not classified as a "hazardous preparation" according to European Community regulations
- 2.1.2 Directive EEC/67/548 or 1999/45/CE** : This product is not classified as a "hazardous preparation" according to European Community regulations
- \* **2.2. Label elements**
- 2.2.1 Labelling EC 1272/2008 (CLP)**
- Precautionary statements :**
- **Prevention** : P260 : Do not breathe dust/fume/gas/mist/vapours/spray.  
P271 : Use only outdoors or in a well-ventilated area
  - **Response** : P301 + P312 : If swallowed, call a doctor if you feel unwell.
- Regulation (EU) N° 528/2012** : Contains : Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (CAS 68391-01-5) : 0.47 g/l (TP02)
- 2.3. Other hazards** : None under normal conditions

## SECTION 3 Composition/information on ingredients

- 3.1./3.2. Substance / Preparation** : Preparation
- Components contributing to the hazard :** : None

## SECTION 4 First aid measures

### 4.1. Description of first aid measures

- Inhalation** : In the event of exposure to high concentrations : Move the affected person to the fresh air
- Make the affected person rest and keep at warm  
If symptoms persist call a doctor
- Skin contact** : Remove all contaminated clothing and footwear  
Wash with soapy water  
If case of redness or irritation, call a doctor
- 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  
Never attempt to induce vomiting  
Seek medical attention if ill effect develops.
- 4.2. Most important symptoms and effects, both acute and delayed** : No information available
- 4.3. Indication of any immediate medical attention and special treatment needed** : No information available

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## FRIONETT ACTIV' RTU

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### SECTION 5 Fire-fighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** : All extinguishing agents can be used

**Unsuitable extinguishing media** : None to our knowledge. If there is a fire close by, use suitable extinguishing agents

#### 5.2. Special hazards arising from the substance or mixture

\* **Specific hazards** : During combustion : Toxic vapours are released (CO, CO2)

#### 5.3. Advice for firefighters

**Specific fire fighting methods** : Do not dispose of fire-fighting water in the environment

**Protection of fire-fighters** : Impermeable protective equipment  
Self-contained breathing apparatus

### SECTION 6 Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures** : Avoid any direct contact with the product  
Only qualified personnel equipped with suitable protective equipment may intervene

**6.2. Environmental precautions** : Do not allow product to spread into the environment  
Do not discharge into drains or rivers

#### 6.3. Methods and material for containment and cleaning up

**- Recovery** : Absorb spillage with:  
- earth or sand  
- inert absorbent material.

**- Cleaning/decontamination** : Wash contaminated area with large amounts of water

**- Disposal** : Dispose of contaminated materials in accordance with current regulations.

**6.4 Reference to other sections** : For further information refer to section 8 "Exposure controls/personal protection"

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

**Technical measures** : Ensure good ventilation of the work station

**Precautions** : Avoid contact with skin and eyes

**Industrial hygiene** : Always wash hands after handling the product  
Do not eat, drink or smoke during use

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Storage conditions

**- Recommended** : Store :  
- in a cool, well-ventilated area  
- the container tightly closed

##### Packaging materials

**- Recommended** : Original packaging

**7.3. Specific end use(s)** : No data

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**SECTION 8 Exposure controls/personal protection**
**8.1. Control parameters**
**8.1.1. Occupational Exposure Limits** : No specific limit.

**8.2. Exposure controls**
**Personal protection :**

- **Respiratory protection** : If the ventilation is suitable, it is not essential to wear respiratory equipment
- **Hand protection** : Protective gloves made of latex
- **Eye protection** : Safety goggles
- **Skin protection** : Protective clothing

**SECTION 9 Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**
**9.1.a. Appearance**
**Physical state** : Liquid

**Colour** : Colourless

**9.1.b. Odour** : green freshness

**9.1.c. Odour threshold** : No information available

**9.1.d. pH** : 10.7 (product as is)

**9.1.e. Melting point / Freezing point** : No information available

**9.1.f. Initial boiling point - boiling range** : No information available

**9.1.g. Flash point** : > 60 °C

**9.1.h. Evaporation rate** : No information available

**9.1.i. Flammability** : Non flammable.

**9.1.j. Explosion limits (lower - upper)** : No information available

**9.1.k. Vapour pressure** : < 110 kPa (1.10 bar)

**9.1.l. Vapour density** : No information available

**9.1.m. Density** : 1.000 g/cm<sup>3</sup> at 20 °C

**9.1.n. Solubility**
**-in water** : Miscible in all proportions

**9.1.o. Partition coefficient : n-octanol / water** : No information available

**9.1.p. Auto-ignition temperature** : No information available

**9.1.q. Thermal decomposition** : No information available

**9.1.r. Viscosity** : No information available

**9.1.s. Explosive Properties** : Not explosive material according to EC criteria

**9.1.t. Oxidising properties** : Non oxidizing material according to EC criteria

**9.2. Other information** : No information available

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## SECTION 10 Stability and reactivity

- 10.1. **Reactivity** : None under normal conditions
- 10.2. **Chemical stability** : Stable at ambient temperature and under normal conditions of use
- 10.3. **Possibility of hazardous reactions** : No dangerous reactions known under normal conditions of use
- 10.4. **Conditions to avoid** : Avoid : Freezing
- 10.5. **Incompatible materials** : No information available
- 10.6. **Hazardous decomposition products** : On thermal decomposition (pyrolysis), releases :  
Carbon oxides (CO, CO<sub>2</sub>)

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

- **Acute toxicity** : No information available
- **Skin corrosion/irritation** : No information available
- **Serious eye damage/irritation** : No information available
- **Respiratory or skin sensitisation** : No information available
- **Germ cell mutagenicity** : No information available
- **Carcinogenicity** : No information available
- **Reproductive toxicity** : No information available
- **STOT-single exposure** : No information available
- **STOT-repeated exposure** : No information available
- **Aspiration hazard** : No information available

## SECTION 12 Ecological information

- 12.1. **Toxicity** : No information available  
Do not allow the product, as is, to spread into the environment
- 12.2. **Persistence and degradability** : No information available
- 12.3. **Bioaccumulative potential** : No information available
- 12.4. **Mobility in soil** : No information available
- 12.5. **Results of PBT and vPvB assessment** : This mixture contains no substance meeting PBT and vPvB criteria
- 12.6. **Other adverse effects** : No information available

## SECTION 13 Disposal considerations

### 13.1. Waste treatment methods

#### WASTE FROM PRODUCT :

**Destruction/Disposal** : Dispose of in accordance with relevant local regulations

#### CONTAMINATED PACKAGING :

**Destruction/Disposal** : Empty the packaging completely prior to disposal  
Dispose of at an licensed site

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

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## SECTION 13 Disposal considerations (continued)

## SECTION 14 Transport information

RID/ADR/IMDG/IATA : Not regulated

## 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.

France : Classified Installations : applicable

Germany : WGK (Water-endangerment class) : 2

\* **REGULATION EC No 648/2004** : Contains :  
- Non-ionic surfactants : < 5%  
- Disinfectants  
- Perfumes

**15.2. Chemical safety assessment** : No information available

## SECTION 16 Other information

**Further information** : Product for professional use only  
For more information regarding the use of this product, please refer to our technical information or contact the sales department in your region  
This safety data sheet has been written in conformity with the regulation (UE) 453/2010.

\* **Update** : Modifications are indicated by an asterisk (\*)

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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