



MATERIAL SAFETY DATA SHEET

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Version : 1

Date : 10/2/2009

Supersedes : 0/0/0

FRIONETT ACTIV' One Shot

PROVISOIRE

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : FRIONETT ACTIV' One Shot
Recommended uses : Disinfecting and deodorant product
SUPPLIER :
Name : DEHON SERVICE
Address : 26, Avenue du Petit Parc
94683 VINCENNES cedex
Telephone number : +33 (0)1 43 98 75 00
Telefax number : +33(0)1 43 98 21 51
e-mail : ContactFDS@dehon.com
Department to contact : Department Material Safety Data Sheets - TEL : +33(0)1 49 83 53 00
EMERGENCY TELEPHONE NUMBER : EMERGENCY TELEPHONE NUMBER (24h/24) : +44 (0)208 762 8323
Anti-poison Center : INRS/ORFILA (France) : +33 (0) 1 45 42 59 59

2 HAZARDS IDENTIFICATION

MOST IMPORTANT HAZARDS :
Adverse human health effects : Irritating to eyes
Vapours may cause drowsiness and dizziness
Physical and chemical hazards :
- Fire or explosion : Extremely flammable liquid.
Pressurized container
May form flammable/explosive vapour-air mixtures
Classification of the product : According to european regulations, this product is classified as :
- EXTREMELY FLAMMABLE
- IRRITANT

3 COMPOSITION / INFORMATION ON INGREDIENTS

PREPARATION :

Components contributing to the hazard :

Substance name	Contents	CAS No	EC No	Annex No	Classification
Propan-2-ol	: 25 to 50 %	67-63-0	200-661-7	603-117-00-0	F; R11 R67 Xi; R36
Dimethylether	: 25 to 50 %	115-10-6	204-065-8	603-019-00-8	F+; R12
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	: < 2.5 %	68391-01-5	269-919-4	----	Xn; R21/22 C; R34 N; R50
Glutaral	: < 1 %	111-30-8	203-856-5	605-022-00-X	T; R23/25 C; R34 R42/43 N; R50



4 FIRST AID MEASURES

Inhalation : Move the affected person away from the contaminated area and into the fresh air
If the person feels unwell :
Call a doctor immediately
Skin contact : Immediately remove contaminated clothing or footwear
Wash immediately with plenty of soap and 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

DEHON SERVICE

26 Avenue du Petit Parc 94683 VINCENNES Cedex France

In case of emergency : +44 (0)208 762 8323

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4 FIRST AID MEASURES	(continued)
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Ingestion :	Rinse mouth out with water Never attempt to induce vomiting If swallowed, seek medical advice immediately and show this container or label.
Protection of first-aiders :	Do not enter without an appropriate protective equipment - self-contained breathing apparatus - protective clothing

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media :	Carbon dioxide (CO2) Specific powders Alcohol-resistant foam
Unsuitable extinguishing media :	Strong water jet
Specific hazards :	Heating will cause a rise in pressure with a risk of bursting.
Specific fire fighting methods :	Cool down the containers exposed to heat with a water spray Do not dispose of fire-fighting water in the environment
Protection of fire-fighters :	Self-contained breathing apparatus Impermeable protective equipment

6 ACCIDENTAL RELEASE MEASURES

Personal precautions :	Evacuate the danger area. Only qualified personnel equipped with suitable protective equipment may intervene Remove all sources of ignition Do not breathe vapours Avoid contact with skin and eyes
Environmental precautions :	Contain the spilled material by bunding Do not discharge into drains or rivers
Clean up methods :	
- Recovery :	Absorb spillage with: - inert absorbent material. - earth or sand
- Cleaning/decontamination :	Wash contaminated area with large amounts of water
- Disposal :	Dispose of contaminated materials in accordance with current regulations

7 HANDLING AND STORAGE

HANDLING	
Technical measures :	Ventilation Material and equipment suitable for use under explosive conditions Use non-sparking tools
Precautions :	Avoid the build-up of electrostatic charge Smoking is forbidden Work in a well-ventilated area Do not breathe vapour Avoid contact with skin and eyes
STORAGE	
Technical measures :	The floor of the depot must be impermeable, non-combustible and designed to form a basin, in order that stored flammable liquids should not, under any circumstances, be released outside
Safe handling advice :	Do not spray on a naked flame or any incandescent material
Storage conditions :	



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7 HANDLING AND STORAGE

(continued)

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|-------------------------|--------------------------------------|
| - Recommended : | Store : |
| | - the container tightly closed |
| | - in a cool, well-ventilated area |
| | - away from any source of ignition |
| | - away from any source of heat |
| | - away from direct sunlight |
| | - at temperature not exceeding 50 °C |
| Incompatible products : | Oxidizing materials |
| Packaging materials : | |
| - Recommended : | Original packaging |

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- | | |
|-----------------------------------|---|
| Engineering measures : | Ensure good ventilation of the work station
Extraction to remove vapours at their source. |
| Occupational Exposure Limits : | |
| - France : | Glutaral : VME = 0.4 mg/m ³ (0.1 ppm) - VLE = 0.8 mg/m ³ (0.2 ppm)
Isopropanol : VLE = 980 mg/m ³ (400 ppm)
Dimethyl ether : VME = 1920 mg/m ³ (1000 ppm) |
| - Germany : | Glutaral : MAK Value = 0.42 mg/m ³ (0.1 ppm)
Isopropanol : MAK Value = 500 mg/m ³ (200 ppm)
Dimethyl ether : MAK Value = 1900 mg/m ³ (1000 ppm) |
| - USA (ACGIH) : | Glutaral : TLV(STEL) = 0.05 ppm
Isopropanol : TLV(TWA) = 200 ppm - TLV(STEL) = 400 ppm |
| Personal protection : | |
| - Respiratory protection : | In the event of insufficient ventilation:
Mask with AX canister
In a confined area :
Self-contained breathing apparatus |
| - Hand protection : | Vinyl polyalcohol protective gloves |
| - Eye protection : | Sealed safety goggles |
| - Skin protection : | Majority cotton antistatic clothing |
| Collective emergency equipments : | Eye fountain |
| Industrial hygiene : | Do not eat, drink or smoke during use
Always wash hands after handling the product |

9 PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|--------------------------------------|--------------------|
| Physical state : | Liquid (Aerosol) |
| Colour : | Colourless |
| Odour : | green freshness |
| pH value : | Not applicable |
| Boiling point : | <= 35 °C |
| Flammability characteristics : | |
| Flash point : | <0 °C |
| Relative density, liquid (water=1) : | < 1 |
| Solubility : | |
| -in water : | Insoluble |



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10 STABILITY AND REACTIVITY

Stability : Stable at ambient temperature and under normal conditions of use

Hazardous reactions :

Conditions to avoid : - on contact with hot surfaces and flames
May explode or ignite :
- on heating

Hazardous decomposition products : On thermal decomposition (pyrolysis), releases :
Carbon oxydes (CO, CO₂)
Nitrogen oxides

11 TOXICOLOGICAL INFORMATION

Acute toxicity : No specific data
Vapours may cause drowsiness and dizziness :

Acute symptoms : Headaches
Blackout
Dizziness
Fatigue
Muscular asthenia
Loss of consciousness.

Local effects : Irritating to eyes
May be irritating to the respiratory system

Chronic toxicity : Prolonged or repeated contacts may cause dermatitis by loss of natural skin fats

12 ECOLOGICAL INFORMATION

No data : Do not allow the product, as is, to spread into the environment

ECOTOXICITY :

Effects on the aquatic environment : Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (CAS 68391-01-5) :
LC 50 (Fish) / 96 h : 0.28 mg/l
EC 50 (Daphnia)/ 48 h : 0.025 mg/l

13 DISPOSAL CONSIDERATIONS

WASTE FROM PRODUCT :

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

CONTAMINATED PACKAGING :

Prohibition : Following use, do not pierce or burn the packaging, even if it is empty

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



14 TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS :

UN No. 1950 - AEROSOLS

Land transport :

- Rail/road (RID/ADR) : Class : 2
Classification code : 5F
Packaging group : -
Labelling : 2.1

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14 TRANSPORT INFORMATION	(continued)
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Sea transport : Hazard identification number : -
 Limited quantities : LQ2
 Class : 2.1
 Packaging group : -
 Labelling : 2.1
 FS : F-D, S-U

Air transport : Class : 2.1
 Packaging group : -
 Labelling : 2.1

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 :
Symbol(s) :



F+ : Extremely flammable
 Xi : Irritant

R Phrase(s) : R12 : Extremely flammable.
 R36 : Irritating to eyes.
 R67 : Vapours may cause drowsiness and dizziness.

S Phrase(s) : S23 : Do not breathe spray.
 S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S28 - After contact with skin, wash immediately with plenty of water.
 S46 : If swallowed seek medical advice immediately and show this container or label.
 S51 : Use only in well-ventilated areas



Further Phrases : Contains : - Glutaral. May produce an allergic reaction.
 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material
 Keep away from sources of ignition - No smoking.
 Keep out of the reach of children.

FURTHER REGULATIONS :
 Directive 98/8/EC :

Contains :
 Isopropanol (CAS 67-63-0) : 359.14 g/l (TP02)
 Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (CAS 68391-01-5) : 0.79 g/l (TP02)
 Glutaral (CAS 111-30-8) : 1.49 g/l (TP02)
 Didecyldimethylammonium chloride (CAS 7173-51-5) : 0.20 g/l (TP02)

France : Professional diseases(table(s) nr 49 -49bis -84) : applicable
 ICPE Classification : 1414+1420+1431+1432

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.

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16 OTHER INFORMATION

Further information:	Product for industrial 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 annex II of the regulation (EC) 1907/2006 (REACH).
Text of R-Phrases in § 3	R11 : Highly flammable. R12 : Extremely flammable. R21/22 : Harmful in contact with skin and if swallowed. R23/25 : Toxic by inhalation and if swallowed. R34 : Causes burns. R36 : Irritating to eyes. R42/43 : May cause sensitization by inhalation and skin contact. R50 : Very toxic to aquatic organisms. R67 : Vapours may cause drowsiness and dizziness.
* 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.

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