



# MATERIAL SAFETY DATA SHEET

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Revised edition no : 1

Date : 4 / 4 / 2008

Supersedes : 0 / 0 / 0

## ALLTEC Fett-Spray

**2001/58/EG**

### Producer

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In case of emergency : Johannes Gutenberg-Universität, Mainz Tel.: +49 6131 232466

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## 1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Trade name** : ALLTEC Fett-Spray.  
**Application** : Aerosol.  
**Responsible for placing on the market** : See address above.

## 2 HAZARDS IDENTIFICATION

### Hazards identification



: Extremely flammable.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Vapours may cause drowsiness and dizziness. Do not spray on naked flame or any incandescent material. May form flammable vapour-air mixture. Container under pressure. Do not drill or burn even after use.

- Inhalation : Vapours may cause drowsiness and dizziness.  
- Skin contact : Liquid gas can cause frost-type burns.  
- Eye contact : Slight eye irritant upon direct contact.  
- Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

**Substance / Preparation** : Preparation.  
**Composition** : Regulation (CE) No. 648/2004 of 31 March 2004 on detergents.  
> 30% : - Aliphatic hydrocarbons

### Substances presenting a health or environmental hazard (Directive 67/548/EEC) :

Substance name	Value(s)	CAS No	EC No	Index No	Classification
PENTANE	: Between 25 and 50 %	109-66-0	203-692-4	601-006-00-1	F+; R12 Xn; R65 R66 R67 N; R51-53
DIMETHYL ETHER	: Between 10 and 25 %	115-10-6	204-065-8	603-019-00-8	F+; R12

## 4 FIRST AID MEASURES

**General information** : Seek medical attention if ill effect or irritation develops.

- Inhalation : In case of accident by inhalation : remove casualty to fresh air and keep at rest.  
- Skin contact : Rinse immediately with plenty of water. Seek medical attention if irritation develops.  
- Eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes.

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### 4 FIRST AID MEASURES (continued)

- Ingestion : Ingestion is not considered a potential route of exposure.

### 5 FIRE-FIGHTING MEASURES

**Specific hazards** : Exposure to fire may cause containers to rupture/explode.

**Extinguishing media** : All extinguishing media can be used.

**Special procedures** : Use water spray to cool exposed surfaces.

**Special protective equipment for fire fighters** : Use self-contained breathing apparatus.

### 6 ACCIDENTAL RELEASE MEASURES

**Environmental precautions** : None under normal conditions.

**Clean up methods** : This material and its container must be disposed of in a safe way.

### 7 HANDLING AND STORAGE

**Handling** : Avoid all unnecessary exposure.  
Do not spray on naked flame or any incandescent material. Container under pressure. Do not drill or burn even after use.

**Storage** : Keep away from heat sources, including direct sunlight.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**General hygiene** : Ventilate area. When using, do not eat, drink or smoke.

- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

- **Skin protection** : No special clothing/skin protection equipment is recommended under normal conditions of use.

- **Eye protection** : Not required.

**Occupational Exposure Limits** : Dimethylether : TLV<sup>©</sup> -TWA [mg/m<sup>3</sup>] : 1920  
Dimethylether : TLV<sup>©</sup> -TWA [ppm] : 1000

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical state at 20 °C** : Aerosol.

**Colour** : Colourless.

**Odo(u)r** : Characteristic.

**Final boiling point [°C]** : - 44

**Auto-ignition temperature [°C]** : - 97

### 10 STABILITY AND REACTIVITY

**Stability and reactivity** : Stable under normal conditions.

**Hazardous decomposition products** : None under normal conditions.

**Materials to avoid** : No special work practices are needed beyond the above recommendations under anticipated conditions of normal use.

**Conditions to avoid** : Overheating. Open flame. Direct sunlight.

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### 11 TOXICOLOGICAL INFORMATION

With the product as such no toxicological tests have been done. According to the criteria of 1999/45/EC this product is not toxic. Components that are toxic are mentioned in section 3.

### 12 ECOLOGICAL INFORMATION

With the product as such no ecotoxicological tests have been done. According to the criteria of 1999/45/EC this product is not dangerous for the environment. Components that are dangerous to the environment are mentioned in section 3.

### 13 DISPOSAL CONSIDERATIONS

- General** : Container under pressure. Do not drill or burn even after use. Comply with local regulations for disposal.
- Disposal method** : When not empty dispose of this container at hazardous or special waste collection point.

### 14 TRANSPORT INFORMATION

- UN No.** : 1950
- ADR/RID** : 2  
Group : F
- **Proper shipping name** : UN 1950 DRUCKGASPACKUNGEN (Dimethylether), 2.1, 5F
- **ADR Class** : 2
- **ADR Packing group** : F
- **Labelling ADR**



- **Limited Quantity** : 2.1  
LQ 2  
Combination packagings - Inner packaging : Maximum : 1 l  
Combination packagings - Package : Maximum : 30 kg  
Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Inner packaging : Maximum contents : 1 l  
Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Package Maximum : 20 kg

### 15 REGULATORY INFORMATION

- **Symbol(s)**



- : F+ : Extremely flammable  
N : Dangerous for the environment.

- Contains**

- **R Phrase(s)**

- : > 30% : - Aliphatic hydrocarbons  
: R12 : Extremely flammable.  
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R67 : Vapours may cause drowsiness and dizziness.

- **S Phrase(s)**

- : S2 : Keep out of the reach of children.

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## 15 REGULATORY INFORMATION (continued)

**Warning** : S23 : Do not breathe spray.  
 S51 : Use only in well-ventilated areas.  
 S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.  
 : Caution: 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 - No smoking.

## 16 OTHER INFORMATION

**List of relevant R phrase (heading 3)** : R12 : Extremely flammable.  
 R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R65 : Harmful : may cause lung damage if swallowed.  
 R66 : Repeated exposure may cause skin dryness or cracking.  
 R67 : Vapours may cause drowsiness and dizziness.

Safety data sheet available for professional user on request.

**DISCLAIMER OF LIABILITY** : The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

**Revision** : Major changes in the text compared to former version are indicated with \*.

**Prepared by** : 04.02162.14.2 (CS 20.06.2005)  
 ME

Content and format of this data sheet on product security (MSDS) are in accordance with the Directive 2001/58/EG.

**DISCLAIMER OF LIABILITY** The information within this MSDS refers to reliable sources. The correctness of the information, in printed or suggested form, is not ensured. The conditions or methods of the handling, storage, use or disposal of the product lie outside of our control, and possibly also outside of our information area. For this and other reasons we take no responsibility and reject expressly liability for loss, damage or expenses, which could develop from the application, storage, use or disposal of the product or with it are connected in any way. This MSDS was prepared for this product and may be only used thereby. If the product should be used as a component of another product, then these MSDS information does probably not apply.

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