

## 2 D 2 Frisco - Spray



Version:	Date:	Changes:
2.5	19th June 2008	Physical and chemical properties reworked
2.4	12th March 2004	Conformity with Guideline 2001/58/EC, EmS-Coding Scheme, Section 1 Ingredient-, Composition- and Company-Information revised, revision control
2.3	09th March 2004	last version without declaration of changes

### 2.1 Ingredient-, Composition- and Company-Information

#### 2.1.1 Product name

D 2 Frisco - Spray

#### 2.1.2 Product usage description

Frisco - Spray is used as an indifferent ice spray for technical use in dentistry.

#### 2.1.3 Company name

ad-Arztbedarf GmbH, Gottlieb-Daimler-Str. 15, D – 50226 Frechen

#### 2.1.4 Telephone- and Emergency calls:

Tel.: +49 – 2234 – 956760

### 2.2 Composition/information on ingredients

Aerosole can, filled with a mixture of Butane, Propane and Dimethylether.

Dangerous Ingredients	Concentration / %	Cas-No.	Danger symbol	R-Phrase
Propane	15 – 25	74 – 98 – 6	F +	R 12
Iso-Butane	15 – 25	75 – 28 – 5	F +	R 12
Dimethylether	45 – 55	115 – 10 – 6	F +	R 12

### 2.3 Possible Hazards

Highly flammable. Formation of inflammatory and explosive air mixtures possible. Container may burst if heated.

### 2.4 First – Aid Measures

If inhaled:	Provide fresh air. Seek medical advice if necessary.
After contact with eyes:	Rinse thoroughly with water. Seek medical advice.
After contact with skin:	n.a.
After ingestion:	n.a.

## 2.5 Fire fighting measures

Suitable fire extinguishing agents:	Spraying jet water, foam, dry media, carbon dioxide
Non-suitable fire extinguishing agents:	full jet water
Special endangerment:	Formation of inflammatory and explosive air mixtures possible.
Dangerous combustion remains:	Carbon Dioxide, unburned hydrocarbons

## 2.6 Measures on accidental or unintentional release

Personal precaution:	Keep away from fire. Ensure ventilation. No smoking. Wear respiratory protection.
Environment precaution:	Separate and dispose off leaky cans.
Clearing up:	According to the national procedures.

## 2.7 Handling and storage

Safe handling:	Keep containers closed. Do not puncture or store above 50 ° C (burst danger).
Fire protection:	Keep away from ignition sources. No smoking.
Storage conditions:	Keep in original – box in cool, ventilated place.

## 2.8 Explosion delimitation and personal protection

Technical protection measures:	Normally unnecessary.
Protective clothing:	Normally unnecessary.
Breath, eyes, skin – protection:	Avoid contact with eyes, wear respiratory protection.
General measures:	Usual precautions for the handling of chemicals must be observed. Do not smoke during work.

## 2.9 Physical and chemical properties

Shape: Aerosol spray	Colour: clear	Odour: odourless
Safety-relevant data:		
Solidification range: n.a. C	Solubility in water: partly miscible	
Boiling point: n.a. C	pH–value at 20 <sup>0</sup> C: n.a.	
Flash point: <0 <sup>0</sup> C	Density at 20 <sup>0</sup> C: n.a.	

## 2.10 Stability and reactivity

No reactions when used, applied or stored as intended. Exposure to heat or sun may cause container to burst. Formation of inflammatory and explosive air mixtures possible.

## 2.11 Toxicity

Acute oral LD <sub>50</sub> :	> 2.000 mg/kg rat (math. calculation based on ingredients)
Eye irritation:	Low
Skin irritation:	n.a.

## 2.12 Ecological information

Only dispose off completely empty cans.

## 2.13 Disposal considerations

According to the national procedures.

## 2.14 Transport information

GGVSE:	2 / 5 F
UN-No.:	1950 + hazard label with UN-number
Declaration:	Aerosol can
IMDG-Code:	2.1
IMDG-Pack-Group:	III
EmS-Code:	F-D, S-U
Hazardous chemicals:	Butane, Propane
Dispatch information:	ship in UN-cardboard-boxes with hazard label class 2

## 2.15 Labeling information

Hazard warning sign:	F + (extremely flammable)
R – Phrases:	None.
S – Phrases:	None.

Packing note: Inflammable. Container under pressure. Do not expose to heat or sun. Do not puncture or store above 50 °C even when empty. Do not spray near open flame, sparks or hot materials. Keep away from sources of ignition. No smoking.

## 2.16 Other information

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