

17 D 17 SprayActiv



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

17.1 Ingredient-, Composition- and Company-Information

17.1.1 Product name

D 17 SprayActiv

17.1.2 Product usage description

SprayActiv is a surface disinfectant to spray onto the surfaces of medical devices, like handpieces, dental chairs, x-ray-apparatuses etc.

17.1.3 Company name

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

17.1.4 Telephone- and Emergency calls:

Tel.: +49 – 2234 – 956760

17.2 Composition/information on ingredients

Characterization: Mixture of alcohols, bis-pyridinamin-derivate, detergent and perfume.

Hazardous Ingredients	Concentration / %	Cas-No.	Danger symbol	R-Phrase
Ethanol	25 – 35	64 – 17 – 5	F	R 11
2-Propanol	10 – 15	67 – 63 – 0	F	R 11

17.3 Possible Hazards

Flammable liquid.

17.4 First – Aid Measures

After inhalation:	Remove to fresh air and contact a physician if necessary.
After contact with eyes:	Wash with water. Contact a physician if necessary.
After contact with skin:	Flush with water, wash with soap. Remove contaminated clothing.
After ingestion:	Rinse mouth thoroughly and drink copious amounts of water and contact physician.

17.5 Fire fighting measures

Suitable fire extinguishing agents: Water, foam, dry media, carbon dioxide

17.6 Measures on accidental or unintentional release

Personal precaution: Keep away from fire. Ensure ventilation.

Environment precaution: Prevent penetration in ground, drainage or open water.

Clearing up: Pick up and dispose of carefully.

17.7 Handling and storage

Safe handling: If properly used no problems expected.

Fire protection: Keep away from ignition sources. No smoking.

Storage conditions: Store tightly closed in original container in cool, ventilated place. Keep away from food.

17.8 Explosion delimitation and personal protection

Technical protection measures: None (according to most recent knowledge).

Ingredients with value limit–monitoring: 2-Propanole = DE-MAK–value 400 ppm/m³ (980 mg/m³)
Ethanol = DE-MAK–value 1.000 ppm/m³ (1.900 mg/m³)

Protective clothing: None (according to most recent knowledge).

Breath, eyes, skin – protection: None (according to most recent knowledge).

General measures: Do not eat, drink and smoke during work.

17.9 Physical and chemical properties

Shape: liquid Colour: clear Odour: alcoholic

Safety-relevant data:

Solidification range:	<-5 ⁰ C	Solubility in water:	fully miscible
Boiling point:	80 ⁰ C	Viscosity at 20 ⁰ C:	Unknown
Flash point:	24 ⁰ C	pH–Value at 20 ⁰ C:	ca. 7
Vapor pressure at 50 ⁰ C:	<110 KPa	Lower Explosion Limit (% by Volume):	
Density at 20 ⁰ C:	ca. 0,93 g/cm ³	Upper Explosion Limit: (% by Volume)	

17.10 Stability and reactivity

No reactions when used, applied or stored as intended. Avoid contact with strong oxidizing agents.

17.11 Toxicity

Acute oral LD₅₀: > 13250 mg/kg rat (math. calculation based on ingredients)

Eye irritation: Potentially harmful

17.12 Ecological information

Product is biologically degradable.

17.13 Disposal considerations

According to the national procedures.

17.14 Transport information

by truck		by ship	
ADR / RID:	3, VG III	IMDG / GGVSee - Code:	3.3
GGVS / GGVE:	3, VG III	EmS:	F-E, S-E
Group - No.:	30	MFAG:	305
UN - No.:	1993	IMDG - Packaging group:	III

17.15 Labeling information

Hazard warning sign: None required

R – Phrases: R 10 Flammable.

S – Phrases: S 16 Keep away from sources of ignition. No smoking.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 51 Use only in well-ventilated areas.

For safety rules see national procedures for alcoholic disinfectants.

17.16 Other information

CE-certified medical product.

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