

## 6 D 06 OpSept



Version:	Date:	Changes:
2.5	19th June 2008	first version release for OpSept

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

#### 6.1.1 Product name

D 06 OpSept

#### 6.1.2 Product usage description

OpSept is a rub-in disinfectant and antiseptic for hands and skin

#### 6.1.3 Company name

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

#### 6.1.4 Telephone- and Emergency calls:

Tel.: +49 – 2234 – 956760

### 6.2 Composition/information on ingredients

**Characterization:** ready-to-use watery mixture of alcohols

Hazardous Ingredients	Concentration / %	Cas-No.	Danger symbol	R-Phrase
2-Propanol	70	67 – 63 – 0	F	R 11

### 6.3 Possible Hazards

Flammable liquid. Alcoholic evaporation might lead to temporary disorder.

### 6.4 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: Remove contaminated clothing.
- After ingestion: Rinse mouth thoroughly and drink copious amounts of water and contact physician.

### 6.5 Fire fighting measures

- Suitable fire extinguishing agents: Water, foam, dry media, carbon dioxide
- Unsuitable fire extinguishing agents:
- Special dangers: Hot product evaporates inflammable gas.

## 6.6 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.

## 6.7 Handling and storage

- Safe handling: If properly used no problems expected.
- Fire protection: Keep away from ignition sources. No smoking.  
Hot product evaporates inflammable gas.
- Storage conditions: Store tightly closed in original container in cool, ventilated place. Keep away from food.

## 6.8 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/m<sup>3</sup> (980 mg/m<sup>3</sup>)
- 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.

## 6.9 Physical and chemical properties

Shape: liquid Colour: clear Odour: alcoholic

### Safety-relevant data:

Solidification range:	<-5 <sup>0</sup> C	Solubility in water:	fully miscible
Boiling point:	80 <sup>0</sup> C	Viscosity at 20 <sup>0</sup> C:	ca. 2 mPa·s
Flash point:	21,5 <sup>0</sup> C	pH–Value at 20 <sup>0</sup> C:	ca. 7
Vapor pressure at 50 <sup>0</sup> C:	< 110 KPa	Lower Explosion Limit (% by Volume):	3 %
Density at 20 <sup>0</sup> C:	ca. 0,876 g/cm <sup>3</sup>	Upper Explosion Limit: (% by Volume)	15 %

## 6.10 Stability and reactivity

No reactions when used, applied or stored as intended.

## 6.11 Toxicity

- Acute oral LD<sub>50</sub>: > 10000 mg/kg rat (math. calculation based on ingredients)
- Eye irritation: Potentially harmful
- Skin irritation: If properly used no problems expected.

## 6.12 Ecological information

Product is biologically degradable.

### 6.13 Disposal considerations

According to the national procedures.

### 6.14 Transportation information

GGVSE:	3, VG II
UN-Nr.:	1219 + Dangerous goods label with UN-Number, from 5 L up label Class 3
Declaration:	flammable liquid
IMDG-Code:	3
IMDG-Pack-Group:	II
EmS-Code:	F-E, S-D
Hazardous chemicals:	2-Propanole
Dispatch information:	ship in UN-cardboard-boxes with hazard label class 3

### 6.15 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.

### 6.16 Other information

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