

## 25 D 25 InstruActiv



Version:	Date:	Changes:
2.6	19th June 2008	Transportation and Labeling reworked
2.5	13th July 2005	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

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

#### 25.1.1 Product name

D 25 InstruActiv

#### 25.1.2 Product usage description

InstruActiv is a concentrated disinfectant and cleanser for medical instruments.

#### 25.1.3 Company name

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

#### 25.1.4 Telephone- and Emergency calls:

Tel.: +49 – 2234 – 956760

### 25.2 Composition/information on ingredients

**Characterization:** Watery Mixture of Amino-compounds, detergents, solvents and nonionics.

Hazardous Ingredients	Concentration	Cas-No.	Danger symbol	R-Phrase
2-Propanol	10 %	67 – 63 – 0	<b>F</b>	R 11
Cocospropylendiamminiumborat	20 – 25 %	no information	<b>C</b>	R 38 / R 41

### 25.3 Possible Hazards

**Indication:** Eye irritation and eventually skin irritation.

### 25.4 First – Aid Measures

After inhalation:	See ingestion.
After contact with eyes:	Wash with water. Contact a physician immediately.
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.

## 25.5 Fire fighting measures

Suitable extinguishing media : Water, foam, dry media, Carbon Dioxide

Hazardous Combustion Products: Carbon Oxides, Nitric Oxides

## 25.6 Measures on accidental or unintentional release

Personal precaution: Wear protective equipment for eyes and skin.

Environment precaution: Prevent from penetrating into the ground (concentrated product).

Methods for decontamination: Dilute with plenty of water immediately.

## 25.7 Handling and storage

Handling: Store tightly closed.

Fire prevention: not flammable.

Conditions of storage: Store in cool and ventilated area.

Keep away from food.

## 25.8 Explosion delimitation and personal protection

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

Personal protection: Wear protective equipment when working with the concentrate.

Eye protection: Wear eye protection.

Skin protection: Wear protective gloves when working with the concentrate.

General measures: The usual precautions for the handling of chemicals must be observed.

## 25.9 Physical and chemical properties

Shape: Liquid

Colour: Clear, yellowish

Odour: typical, aromatic

### Safety-relevant data:

Solidification range:	about 0 <sup>0</sup> C	Solubility in water:	fully miscible
Boiling point:	100 <sup>0</sup> C	Viscosity at 20 <sup>0</sup> C:	Unknown
Flash point:	70 <sup>0</sup> C	pH-Value at 20 <sup>0</sup> C:	ca. 9,5
Vapor pressure at 50 <sup>0</sup> C:	not relevant	Lower Explosion Limit (% by Volume):	
Density at 20 <sup>0</sup> C:	ca. 0,960 g/cm <sup>3</sup>	Upper Explosion Limit: (% by Volume)	

## 25.10 Stability and reactivity

Hazardous reactions: Unknown (according to most recent knowledge)

## 25.11 Toxicity

Oral LD<sub>50</sub>: About 2000 mg / kg in rats (calculated).

## 25.12 Ecological information

Moderate to eliminate. The product contains biodegradable substances.

### 25.13 Disposal considerations

According to the national procedures.

### 25.14 Transportation information

ADR:	8, VG III
UN-No.:	1903 + white hazard warning label, from 5 L up label class 8
Declaration:	Disinfectant, liquid, slightly acidic, n.a.g
IMDG-Code:	8
IMDG-Pack-Group:	III
EmS-Code:	F-A, S-B
Dispatch information:	ship in UN-cardboard-boxes with hazard label class 8

### 25.15 Labeling information

Hazard warning sign:	C (corrosive)
R – Phrases:	R 34 Causes skin irritation.
S – Phrases:	S 26 In case of contact with eyes, rinse immediately with plenty of water. S 28 In case of contact with skin, rinse immediately with plenty of water. S 37 Wear proper protecting gloves. S 39 Wear protecting eye glasses / face protection mask.

*Water hazard class: 2 (self classification)*

### 25.16 Other information

CE-certified medical product.

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