

11 D 11 KombiCid



Version:	Date:	Changes:
1.0	19th June 2008	initial version

11.1 Ingredient-, Composition- and Company-Information

11.1.1 Product name

D 11 KombiCid

11.1.2 Product usage description

KombiCid is a surface disinfectant and cleanser for surfaces, floors and inventory.

11.1.3 Company name

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

11.1.4 Telephone- and Emergency calls:

Tel.: +49 – 2234 – 956760

11.2 Composition/information on ingredients

Characterization: Watery Mixture of Biguanid, 2-Propanole, cat-ionic and non-ionic detergents (tensids).

Hazardous Ingredients	Concentration	Cas-No.	Danger symbol	R-Phrase
Didecyldimethylammoniumchlorid	< 8	7173 – 51 – 5	C, F	R 22, 34
Polyhexamethylenbiguanid HCl	< 2,5	27083 – 27 – 8	Xi	R 38, 43
2-Propanole	< 7,5	67 – 63 – 0	F	R 11

11.3 Possible Hazards

Indication: Harmful if swallowed. Irritating to eyes. Irritating to skin.

11.4 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: Contact physician immediately.

11.5 Fire fighting measures

- Suitable extinguishing media : Water, foam, dry media, Carbon Dioxide
- Hazardous Combustion Products: Carbon Oxides, Hydrochloric acid, Nitric Oxides

11.6 Measures on accidental or unintentional release

Personal precaution: Wear gloves. Wear protective equipment for eyes and skin.
 Environment precaution: Prevent from penetrating into the ground.
 Methods for decontamination: Pick up with suitable media and dispose off carefully.

11.7 Handling and storage

Handling: Store tightly closed.
 Fire prevention: Hot product evaporates inflammable gas.
 Conditions of storage: Store in cool and ventilated area.
 Keep away from food.

11.8 Explosion delimitation and personal protection

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

Ingredients with value limit–monitoring:

2–Propanole = DE-MAK–value 400ppm/m³ (980 mg/m³)

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.

11.9 Physical and chemical properties

Shape: Liquid Colour: Clear, slightly brownish Odour: typical

Safety-relevant data:

Solidification range:	< 0 ⁰ C	Solubility in water:	fully miscible
Boiling point:	90 ⁰ C	Viscosity at 20 ⁰ C:	Unknown
Flash point:		pH–Value at 20 ⁰ C:	ca. 4
Vapor pressure at 50 ⁰ C:	not relevant	Lower Explosion Limit (% by Volume):	
Density at 20 ⁰ C:	ca. 0,980 g/cm ³	Upper Explosion Limit: (% by Volume)	

11.10 Stability and reactivity

Hazardous reactions: No reactions to be expected if stored and used properly.

11.11 Toxicity

Oral LD₅₀: About 3500 mg / kg in rats (calculated).
 Eye and skin irritation: Potentially harmful. May cause sensitisation.

11.12 Ecological information

The product contains biodegradable substances.

11.13 Disposal considerations

According to the national procedures.

11.14 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

11.15 Labeling information

Hazard warning sign:	Xi (irritant)
R – Phrases:	R 36/38 Irritating to eyes. Irritating to skin. R 43 May cause sensitisation by skin contact.
S – Phrases:	S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S 28 After contact with skin, wash immediately with plenty of water. S 37 Wear suitable gloves.

Water hazard class: 2 (self classification)

11.16 Other information

CE-certified medical product.

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