

## EC Safety Data Sheet 1907/2006/EU Floracin<sup>®</sup> N (concentrate)

### 1. Commercial product name and supplier

<u>Commercial product name:</u>	Floracin <sup>®</sup> N (concentrate)
<u>Application:</u>	Disinfectant, Surface disinfectant
<u>Producer:</u>	FAVODENT Karl Huber GmbH Greschbachstraße 17 76229 Karlsruhe, Germany Tel.: +49 (0)721 / 62686-0 Fax: +49 (0)721 / 62686-66 E-Mail: <a href="mailto:info@favodent.com">info@favodent.com</a>
<u>TOX emergency number:</u>	Ms Apoth. Wolf, phone number: +49 (0)179 / 5146888

### 2. Hazard identification

Xi irritant  
R 38 irritant for skin. R 41 danger to the eyes.  
Avoid contact with eyes and skin

### 3. Composition

<u>Hazardous components:</u>					
<u>Declaration:</u>	<u>CAS-Nr.</u>	<u>EINECS-Nr.</u>	<u>Label.</u>	<u>R-Sent</u>	<u>%</u>
Fattyacid-polyglykolether	69011-36-5	-	Xi	36/38	< 5
N,N-Bis(3-Aminopropyl)-dodecylamine	2372-82-9	219-145-8	C, N	22-35-50	5-10
2-Ethylhexylsulfate-Monosodiumsalt	126-92-1	-	Xi	38-41	< 5
Trisodiumnitrilo-Triacetate	5064-31-3	225-768-6	Xn	22-36	< 5
Citric. Acid	5949-29-1	2010691	Xi	36	1

### 4. First aid measures

Eye contact:  
Flush eyes with plenty of water (10-15min). Call a physician.

Skin contact:  
Flush with plenty of water and wash skin with soap.

Ingestion:  
After Ingestion wash mouth out with water, call a physician immediately and show packaging or label.

Inhalation:  
Take into fresh air. If you feel unwell, seek medical advise (show this data sheet), if not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**EC Safety Data Sheet 1907/2006/EU  
Floracin<sup>®</sup> N (concentrate)**

**5. Fire-fighting measures**Suitable extinguishing media:

Foam, powder, carbon dioxide, water spray

Extinguishing media to avoid:

No Data

Further information:

Product is fire-proof.

**6. Accidental release measures**Personal precautions

Use personal protective equipment. Keep people away from and upwind of spill/leak.

Environmental precautions

Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained. Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

Cleaning and absorption procedure

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material and dispose of as hazardous waste.

**7. Handling and storage**Handling:

Only adequately trained personnel should handle this product. Keep out of reach of children.

Industrial hygiene:

Usual hygienic measures are necessary. When using, do not drink, eat or smoke.

Storage:

-

Place of storage:

Store in a cool, dry place.

**8. Exposure controls / personal protection**Technical equipment:

Provide adequate local ventilation. Control airborne concentration below the exposure guideline.

Control of threshold limits:

CAS- No.	Declaration	Value	Unit
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Respiratory protection:

Aerosols: Do not breathe vapour or spray. In poorly ventilated areas, use air-purifying respiratory

Protection Apparatus (type A).

Hand protection:

Glove

Eye protection:

Safety goggles.

Other:

Safety shower and eye wash fountain should be located in work area.

**EC Safety Data Sheet 1907/2006/EU**  
**Floracin<sup>®</sup> N (concentrate)**

**9. Physical and Chemical properties**

<u>Appearance:</u>	liquid
<u>Colour:</u>	colourless or pale yellow
<u>Odour:</u>	like amine or soap
<u>Change in physical state:</u>	
<u>Boiling point:</u>	not available
<u>Ignition temperature:</u>	-
<u>Flashpoint:</u>	-
<u>Explosion limits:</u>	not applicable
<u>Density:</u>	1,04 g/cm <sup>3</sup> at 20°C
<u>Solubility in water:</u>	yes
<u>pH-Value:</u>	9-10

**10. Stability and reactivity**

<u>Thermal decomposition:</u>	Not available
<u>Hazardous decomposition:</u>	Not available
<u>Hazardous reactions:</u>	Not available
<u>Further information:</u>	Not available

**11. Toxicological information**

<u>Acute toxicity:</u>	LD <sub>50</sub> (rat, OECD 401): 2000-5000mg/kg
<u>Acute effects:</u>	Causes burns, may be harmful if adsorbs through the skin. May be harmful if swallowed.
<u>Eye:</u>	Material is destructive to eyes

**12. Ecological information**

<u>Information on elimination (persistence an degradability):</u>	Biological degradable
<u>Fish toxicity:</u>	Lc50 = 10 mg/l (96H, Zebra fish)
<u>Bacterial toxicity:</u>	100-100 mg/l (OECG 209)
<u>General Advice:</u>	do not let reach waters, waste waters or ground

**13. Disposal considerations**

<u>Recommendation:</u>	Complete empty cans, normal trash, please ask local authorities in the case of cans with content.
<u>Polluted packaging:</u>	Waste disposal in line with local regulations.

**EC Safety Data Sheet 1907/2006/EU**  
**Floracin® N (concentrate)****14. Transport information**

Transport at land ADR/RID and GGVS/GGVE (border crossing / in the country)

ADR/RID-GGVS/E class: 8 (C7), corrosive agents

Cipher/ letter:

UN-No.: 3267

Component: 3267 Corrosive basic organic liquid agent, n.a.g. N,N-Bis(3-Aminopropyl)-dodecylamin

Packaging group: II

Transport at see IMDG/GGVSee:

IMDG/GGVSee-class: 8

Page:

UN-No.: 3267

EMS-No.:

Marine pollutant: Yes

Correct technical name: Corrosive liquid, basic, organic, n.o.s. N,N-Bis(3-Aminopropyl)-dodecylamine

Comment : Packing Group II

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA-class: 8

UN/ID-No.: 3267

Correct technical name Corrosive liquid, basic, organic, n.o.s. N,N-Bis(3-Aminopropyl)-dodecylamine

**15. Regulatory information**

This product requires classification according to the criteria of the EC and the „Gefahrstoffverordnung“

Hazard designation:

Xi irritant

Risk phrases:

R 38 irritant of skin

R 41 danger of damage in the eyes

Safety phrases:

S 26 Avoid contact with skin and eyes.

S 28 In case of contact with eyes rinse immediately with plenty of water and seek medical advice

S 37/39 Wear suitable protective clothing, gloves and eye protection.

S 45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

**16. Other information**

The above mentioned dates correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.