

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** PROFESSIONAL SHAMPOO

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Infinitec GmbH  
Matzenberg 171  
Saarbrücken  
D-66115  
Germany

**Tel:** +4968198 800306

**Email:** [a.neuner@infinitec-gmbh.de](mailto:a.neuner@infinitec-gmbh.de)

**1.4. Emergency telephone number**

**Emergency tel:** Medical Emergency information in case of poisoning: Poison Information Center Mainz -  
24h - Phone: +49 (0) 6131 19240 (advisory service in German or English language)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Eye Dam. 1: H318

**Most important adverse effects:** Causes serious eye damage.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H318: Causes serious eye damage.

**Hazard pictograms:** GHS05: Corrosion



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor.

P501: Dispose of contents and container to an approved waste disposal plant.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**
**3.2. Mixtures**
**Hazardous ingredients:**

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL-, N-COCO ACYL DERIVS., HYDROXIDES, INNER SALTS

EINECS	CAS	PBT / WEL	CLP Classification	Percent
263-058-8	61789-40-0	-	Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 3: H412	1-10%

ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, SULFATES, SODIUM SALTS - REACH registered number(s): 01-2119488639-16

-	68891-38-3	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	1-10%
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ALCOHOLS, C9-11, ETHOXYLATED

931-514-1	68439-46-3	-	Eye Dam. 1: H318; Acute Tox. 4: H302	<1%
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AMINES, FATTY ALKYL DIMETHYL, N-OXIDES

-	-	-	Eye Dam. 1: H318; Aquatic Acute 1: H400; Skin Irrit. 2: H315	<1%
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**Section 4: First aid measures**
**4.1. Description of first aid measures**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

**4.2. Most important symptoms and effects, both acute and delayed**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**
**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**Hazardous ingredients:**

**ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, SULFATES, SODIUM SALTS**

Type	Exposure	Value	Population	Effect
DNEL	Oral	15 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	2750 mg/kg bw/day	Workers	Systemic
DNEL	Dermal	1650 mg/kg bw/day	General Population	Systemic
DNEL	Inhalation	175 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation	52 mg/m <sup>3</sup>	General Population	Systemic
PNEC	Fresh water	0,24 mg/L	-	-
PNEC	Marine water	0,024 mg/L	-	-
PNEC	Microorganisms in sewage treatment	10000 mg/L	-	-
PNEC	Fresh water sediments	5,45 mg/kg	-	-
PNEC	Marine sediments	0,545 mg/kg	-	-

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Section 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Purple

**Odour:** Pleasant

**pH:** 9,2

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
 Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**
**11.1. Information on toxicological effects**
**Hazardous ingredients:**
**1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL-, N-COCO ACYL DERIVS., HYDROXIDES, INNER SALTS**

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	2335	mg/kg

**ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, SULFATES, SODIUM SALTS**

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	4100	mg/kg

**ALCOHOLS, C9-11, ETHOXYLATED**

DERMAL	RBT	LD50	2000	mg/kg
ORAL	RAT	LD50	2000	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

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**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**
**12.1. Toxicity**

**Hazardous ingredients:**

**1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL-, N-COCO ACYL DERIVS., HYDROXIDES, INNER SAL**

FISH	96H LC50	472-500	mg/l
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**ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, SULFATES, SODIUM SALTS**

ALGAE	96H ErC50	7,5	mg/l
Daphnia magna	48H EC50	7,2	mg/l
FISH	96H LC50	7,1	mg/l

**ALCOHOLS, C9-11, ETHOXYLATED**

ALGAE	72H ErC50	10-100	mg/l
DAPHNIA	72H ErC50	5-10	mg/l
FISH	96H LC50	5-10	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**
**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

#### Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

#### Section 15: Regulatory information

##### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Specific regulations:** Not applicable.

##### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

#### Section 16: Other information

##### Other information

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H400: Very toxic to aquatic life.  
H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.