

**octenilin® wound irrigation solution**      **No Change Service!**

Version                      Revision Date:                      Date of last issue: 18.02.2015  
02.01                      10.05.2016                      Date of first issue: 07.02.2008

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

**1.1 Product identifier**

Trade name                      : octenilin® wound irrigation solution

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

Use of the Sub-                      : Cosmetics  
stance/Mixture

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

Manufacturer/ Supplier                      : Schülke & Mayr GmbH  
Robert-Koch-Str. 2  
  
22851 Norderstedt  
Germany  
Telephone: +49 (0)40/ 52100-0  
Telefax: +49 (0)40/ 52100318  
mail@schuelke.com  
www.schuelke.com

E-mail address of person                      : Application Department HI  
responsible for the                      +49 (0)40/ 521 00 8800  
SDS/Contact person                      ADHI@schuelke.com  
(Schülke & Mayr UK Ltd.: +44-1142543500)

**1.4 Emergency telephone number**

Emergency telephone num-                      : UK Poisons Emergency number: 0870 600 6266  
ber  
Emergency telephone num-                      : +49 (0)40 / 52 100 –0  
ber

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

The product falls under the cosmetics directive and therefore does not need to be labelled.

**2.3 Other hazards**

This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).  
No special risks known.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

Chemical nature                      : Aqueous solution

**Hazardous components**

Remarks                      : No dangerous ingredients according to Regulation (EC) No.  
1907/2006

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## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

- In case of eye contact : Flush eyes with water as a precaution. If eye irritation persists, consult a specialist.
- If swallowed : Do NOT induce vomiting. Drink water as a precaution. Consult a physician if necessary.

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

- Symptoms : Treat symptomatically.,

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

- Treatment : For specialist advice physicians should contact the Poisons Information Service.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

- Suitable extinguishing media : Dry powder, Foam, Water spray jet, Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet

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

- Specific hazards during fire-fighting : No information available.

### **5.3 Advice for firefighters**

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

## **SECTION 6: Accidental release measures**

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

- Personal precautions : No special precautions required.

### **6.2 Environmental precautions**

- Environmental precautions : Avoid subsoil penetration.

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

- Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).

### **6.4 Reference to other sections**

- See chapter 13

## **SECTION 7: Handling and storage**

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**7.1 Precautions for safe handling**

- Advice on safe handling : not required under normal use
- Advice on protection against fire and explosion : No special protective measures against fire required.
- Hygiene measures : Keep away from food and drink.

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

- Requirements for storage areas and containers : Store at room temperature in the original container.
- Further information on storage conditions : Keep away from direct sunlight. Do not store at temperatures above 30°C.
- Advice on common storage : No materials to be especially mentioned.

**7.3 Specific end use(s)**

- Specific use(s) : none

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

none

**8.2 Exposure controls**

**Personal protective equipment**

- Protective measures : No special precautions required.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

- Appearance : liquid
- Colour : colourless
- Odour : nearly odourless
- Odour Threshold : not determined
- pH : ca. 4,5 - 6,5, 20 °C, (undiluted)
- Melting point/freezing point : ca. 0 °C
- Decomposition temperature : No data available
- Boiling point/boiling range : ca. 100 °C
- Flash point : Not applicable
- Evaporation rate : No data available
- Flammability (solid, gas) : Not applicable
- Upper explosion limit : Not applicable
- Lower explosion limit : Not applicable
- Vapour pressure : No data available
- vapour density : No data available
- Density : ca. 1,0 g/cm<sup>3</sup>, 20 °C
- Solubility(ies)
  - Water solubility : in all proportions , 20 °C
  - Partition coefficient: n-octanol/water : Not applicable
- Auto-ignition temperature : No data available
- Viscosity
  - Viscosity, dynamic : not determined
- Explosive properties : No data available
- Oxidizing properties : No data available

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**9.2 Other information**

No data available

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

The product is chemically stable.

**10.3 Possibility of hazardous reactions**

None reasonably foreseeable.

**10.4 Conditions to avoid**

Do not store at temperatures above 30°C.

**10.5 Incompatible materials**

Do not mix with other products.,

**10.6 Hazardous decomposition products**

None reasonably foreseeable.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

**Product:**

Acute oral toxicity : This information is not available.

**Skin corrosion/irritation**

**Product:**

No skin irritation

**Serious eye damage/eye irritation**

**Product:**

Contact with eyes may cause irritation.

**Respiratory or skin sensitisation**

**Product:**

Contains no substance or substances classified as sensitising. , May cause sensitisation of susceptible persons by skin contact.

**Germ cell mutagenicity**

**Product:**

Germ cell mutagenicity- Assessment : Contains no ingredient listed as a mutagen

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**Carcinogenicity**

**Product:**

Carcinogenicity - Assessment : Contains no ingredient listed as a carcinogen

**Reproductive toxicity**

**Product:**

Reproductive toxicity - Assessment : Contains no ingredient listed as toxic to reproduction

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Aspiration toxicity**

No data available

**Further information**

**Product:**

No data is available on the product itself.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Product:**

Ecotoxicology Assessment  
Acute aquatic toxicity : This product has no known ecotoxicological effects.

**12.2 Persistence and degradability**

**Product:**

Biodegradability : The methods for determining biodegradability are not applicable to inorganic substances.

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

**Product:**

Mobility : No data available

**12.5 Results of PBT and vPvB assessment**

**Product:**

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).

**12.6 Other adverse effects**

**Product:**

Additional ecological information : This product has no known ecotoxicological effects.

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

- Product : Dispose of the product according to the defined EWC (European Waste Code) No.
- Contaminated packaging : Take empty packaging to the recycling plant.
- Waste key for the unused product : European waste catalog (EWC) 070601
- Waste key for the unused product(Group) : Waste material of HZVA from fats, lubricants, soaps, detergents, disinfectants and personal protection products.

**SECTION 14: Transport information**

**14.1 UN number**

Not regulated as a dangerous good

**14.2 UN proper shipping name**

Not regulated as a dangerous good

**14.3 Transport hazard class(es)**

Not regulated as a dangerous good

**14.4 Packing group**

Not regulated as a dangerous good

**14.5 Environmental hazards**

Not regulated as a dangerous good

**14.6 Special precautions for user**

For personal protection see section 8.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**SECTION 15: Regulatory information**

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

Legislation on the control of major-accident hazards involving dangerous substances : Directive 96/82/EC does not apply

Volatile organic compounds : none, Directive 2010/75/EC on the limitation of emissions of volatile organic compounds

Other regulations : Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values.

**15.2 Chemical safety assessment**

Exempt

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**SECTION 16: Other information**

**Full text of other abbreviations**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Changes compared with the previous edition!!!

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.