

Trade name: UROPHEN

Substance number: SUB302020600000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 27.02.07

Replaces Version: 3 / EU

Print date: 22.12.15

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

### **1.1. Product identifier**

**UROPHEN**

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

#### **Use of the substance/preparation**

Sanitary cleanser, For industrial application only.

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

#### **Address/Manufacturer**

HAGLEITNER HYGIENE International GmbH  
Lunastrasse 5  
A-5700 Zell am See  
Telephone no. +43 (0)5 0456  
Fax no. +43 (0)5 0456 7777  
E-Mail regulatoryaffairs@hagleitner.at  
Information provided Regulatory Affairs  
by / telephone  
E-mail address of regulatoryaffairs@hagleitner.at  
person responsible  
for this SDS

#### **Address/Supplier**

HAGLEITNER HYGIENE International GmbH  
Lunastrasse 5  
AT5700 Zell am See  
Telephone no. +43 (0)5 0456  
Fax no. +43 (0)5 0456 7777  
E-mail address of regulatoryaffairs@hagleitner.at  
person responsible  
for this SDS

### **1.4. Emergency telephone number**

Anti Poison Center Vienna: +43 (0)1 406 43430

## **SECTION 2: Hazards identification \*\*\***

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

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Met. Corr. 1	H290
Skin Corr. 1C	H314
Eye Dam. 1	H318

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008  
For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

#### **Hazard pictograms \*\*\***

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**Signal word \*\*\***

Danger

**Hazard statements \*\*\***

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.

**Precautionary statements \*\*\***

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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/container according to the local/national rules and regulations.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains Isotridecanoethoxylate; Benzenesulfonic acid, 4-C10-13-sec-alkyl  
derivs. Phosphoric acid

For industrial application only.

**2.3. Other hazards**

No special hazards have to be mentioned.

**SECTION 3: Composition/information on ingredients \*\*\*****3.2. Mixtures****Hazardous ingredients (Regulation (EC) No. 1272/2008) \*\*\*****Phosphoric acid**

CAS No. 7664-38-2  
EINECS no. 231-633-2  
Registration no. 01-2119485924-24-XXXX  
Concentration  $\geq 10$   $< 15$  %

Classification (Regulation (EC) No. 1272/2008)  
Skin Corr. 1B H314

Concentration limits (Regulation (EC) No. 1272/2008)  
Skin Irrit. 2 H315  $\leq 10 < 25$   
Skin Corr. 1B H314  $\geq 25$   
Eye Irrit. 2 H319  $\leq 10 < 25$

**Isotridecanoethoxylate**

CAS No. POLYMER  
EINECS no. N.A.  
Registration no. 02-2119552461-55-0000  
Concentration  $\geq 3$   $< 9$  %

Classification (Regulation (EC) No. 1272/2008)  
Eye Dam. 1 H318  
Acute Tox. 4 H302

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## Concentration limits (Regulation (EC) No. 1272/2008)

Eye Dam. 1	H318	>= 10 %
	H319	< 10 %

**2-Butoxyethanol**

CAS No. 111-76-2

EINECS no. 203-905-0

Registration no. 01-2119475108-36-XXXX

Concentration &gt;= 1 &lt; 2,3 %

## Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315
Acute Tox. 4	H332
Acute Tox. 4	H312
Acute Tox. 4	H302
Eye Irrit. 2	H319

**Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.**

CAS No. 85536-14-7

EINECS no. 287-494-3

Registration no. 01-2119490234-40-XXXX

Concentration &gt;= 1 &lt; 2,1 %

## Classification (Regulation (EC) No. 1272/2008)

Skin Corr. 1C	H314
Acute Tox. 4	H302
Aquatic Chronic 3	H412

**Ingredients (Regulation (EC) No 648/2004)**

15 % or over but less than 30 %:

phosphates

5 % or over but less than 15 %:

non-ionic surfactants

less than 5 %:

anionic surfactants

allergenic fragrances (&gt;0,01% by weight):

AMYL CINNAMAL

further ingredients:

perfumes

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated clothing immediately and dispose of safely.

**After inhalation**

When spray fog inhaled, seek medical aid immediately and show the physician the packing or the packing label. Ensure supply of fresh air. In the event of symptoms take medical treatment.

**After skin contact**

After contact with skin, wash immediately with plenty of water. Seek medical advice immediately.

**After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Shield unaffected eye. Eye treatment by an Occulist.

**After ingestion**

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Do not induce vomiting. Drink water in small gulps. Never give anything by mouth to an unconscious person. Take medical treatment.

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

The following symptoms may occur: Shortness of breath, Gastrointestinal complaints

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / hazards**

Risk of stomach perforation; Risk of respiratory disorders

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

**Non suitable extinguishing media**

Full water jet

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

None known

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Wear full protective suit. In case of combustion use a suitable breathing apparatus.

**Other information**

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations. Cool endangered containers with water spray jet.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing. Avoid contact with skin, eyes and clothing. Use breathing apparatus if exposed to vapours/dust/aerosol. High risk of slipping due to leakage/spillage of product. Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

Do not discharge into surface waters/groundwater.

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

Take up with absorbent material (eg sand, kieselguhr, universal binder). Pump off large amounts. Rinse away rest with plenty of water. Dispose of as prescribed.

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Handle and open container with care. Observe the usual precautions for handling chemicals. Use only acid resistant equipment.

**Advice on protection against fire and explosion**

The product is not combustible. No special measures required.

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

### Recommended storage temperature

Value  $\geq$  5  $\leq$  25 °C

### Storage stability

Storage life: 3 years

### Requirements for storage rooms and vessels

Keep only in the original container. Provide acid-resistant floor.

### Hints on storage assembly

Do not store together with: Alkalies, Do not store together with foodstuffs.

### Further information on storage conditions

Protect from frost. Keep container tightly closed; open and handle with care.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Other information

Maintain air concentrations below occupational exposure standards.

#### Derived No/Minimal Effect Levels (DNEL/DMEL)

##### Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

Reference substance	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	170	mg/kg/d

	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	12	mg/m <sup>3</sup>

#### Predicted No Effect Concentration (PNEC)

##### Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

Reference substance	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	
Type of value	PNEC	
Type	Freshwater	
Concentration	0,268	mg/l

	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	
Type of value	PNEC	
Type	Water (intermittent release)	
Concentration	0,0167	mg/l

	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	
Type of value	PNEC	
Type	Saltwater	
Concentration	0,0268	mg/l

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Type of value	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.
Type	PNEC
Concentration	Sediment
	8,1 mg/kg

Type of value	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.
Type	PNEC
Concentration	Sewage treatment plant (STP)
	3,43 mg/l

## 8.2. Exposure controls

### General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time.  
Keep away from foodstuffs and beverages.

### Respiratory protection

Not necessary, but do not inhale vapours. Breathing apparatus in the event of aerosol or mist formation.

### Hand protection

Gloves (acid-resistant)	
Appropriate Material	neoprene
Material thickness	= 0,35 mm
Breakthrough time	> 480 min
Gloves (acid-resistant)	
Appropriate Material	butyl
Material thickness	= 0,5 mm
Breakthrough time	> 480 min

### Eye protection

Tightly fitting safety glasses

### Body protection

Acid-resistant protective clothing

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Form</b>	liquid
<b>Colour</b>	red
<b>Odour</b>	characteristic
<b>pH value</b>	
Value	< 0,5
Temperature	= 20 °C
<b>Freezing point</b>	
Value	appr. -4 to 4 °C
<b>Sublimation point</b>	
Remarks	not determined
<b>Initial boiling point and boiling range</b>	
Value	appr. 100 °C
<b>Flash point</b>	
Remarks	Not applicable
<b>Evaporation rate</b>	
Remarks	not determined

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**Evaporation rate (ether = 1) :**

Remarks not determined

**Flammability (solid, gas)**

Not applicable

**Upper/lower flammability or explosive limits**

Remarks Not applicable

**Vapour pressure**

Remarks not determined

**Vapour density**

Remarks not determined

**Density**

Value	1,1			kg/m <sup>3</sup>
Temperature	20	°C		

**Solubility in water**

Remarks miscible in all proportions

**Solubility(ies)**

Remarks not determined

**Partition coefficient: n-octanol/water**

Remarks not determined

**Decomposition temperature**

Remarks No decomposition if used as prescribed.

**Viscosity****dynamic**

Value	appr. 50	to 80	mPa.s
Temperature	20	°C	

**Oxidising properties**

evaluation None known

**9.2. Other information****Bulk density**

Remarks not determined

**Packed bulk density**

Remarks not determined

**Solids content**

Remarks not determined

**Surface tension**

Remarks not determined

**Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reactions with alkalies. Reactions with various metals.

**10.2. Chemical stability**

Protect from extreme heat and cold.

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**10.3. Possibility of hazardous reactions**

Protect from contamination.

**10.4. Conditions to avoid**

Keep at temperature not exceeding 30 °C. Do not store at temperatures below -5 °C.

**Decomposition temperature**

Remarks

No decomposition if used as prescribed.

**10.5. Incompatible materials**

Corrosive to metals. Incompatible with alkaline substances .

**10.6. Hazardous decomposition products**

Hazardous decomposition products: Hydrogen

**Other information**

When diluting, add acids to water, never the other way around. Corrosive to metals.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

ATE 2.938,72 mg/kg  
86

Method calculated value (Regulation (EC) No. 1272/2008)

**Acute oral toxicity (Components)****Isotridecanoethoxylate**

Species rat  
LD50 = 500 to 2000 mg/kg  
Method OECD-Directive 423

**Phosphoric acid**

Species rabbit  
LD50 = 1530 mg/kg

**Acute dermal toxicity**

ATE > 10.000 mg/kg  
Method calculated value (Regulation (EC) No. 1272/2008)

**Acute dermal toxicity (Components)****Phosphoric acid**

Species rabbit  
LD50 > 2000 mg/kg

**Acute inhalational toxicity**

ATE > 100 mg/l  
Administration/Form Vapors  
Method calculated value (Regulation (EC) No. 1272/2008)  
ATE > 20 mg/l  
Administration/Form Dust/Mist  
Method calculated value (Regulation (EC) No. 1272/2008)

**Acute inhalative toxicity (Components)****Phosphoric acid**

Species rat  
LC50 = 850 mg/l  
Duration of exposure = 2 h



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**Skin corrosion/irritation**

evaluation strongly corrosive

**Serious eye damage/irritation**

evaluation strongly corrosive

**Sensitization**

evaluation non-sensitizing

**Subacute, subchronic, chronic toxicity**

Remarks No data available

**Mutagenicity**

Remarks No data available

**Reproductive toxicity**

Remarks No data available

**Carcinogenicity**

Remarks No data available

**Specific Target Organ Toxicity (STOT)**

Remarks No data available

**Experience in practice**

Product is severely caustic.

**Other information**

Product specific toxicological data are not known.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

not determined

**Fish toxicity (Components)****Isotridecanoethoxylate**

Species	golden orfe ( <i>Leuciscus idus</i> )			
LC50	=	1	to	10 mg/l
Source	Manufacturer's data			

**Phosphoric acid**

LC50	=	138		mg/l
Duration of exposure	=	96	h	

**Daphnia toxicity (Components)****Isotridecanoethoxylate**

EC50	=	1	to	10 mg/l
Duration of exposure	=	72	h	

**Algae toxicity (Components)****Isotridecanoethoxylate**

EC50	=	1	to	10 mg/l
Duration of exposure	=	72	h	

**Bacteria toxicity (Components)****Isotridecanoethoxylate**

Species	activated sludge			
EC10	>	10000		mg/l
Duration of exposure	=	17	h	

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Method

DIN 38412 Part8

Source

Manufacturer's data

**12.2. Persistence and degradability****General information**

No data available

**12.3. Bioaccumulative potential****General information**

No data available

**Partition coefficient: n-octanol/water**

Remarks

not determined

**12.4. Mobility in soil****General information**

No data available

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

Not applicable

**12.6. Other adverse effects****General information**

not determined

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 52102

Dispose of as hazardous waste.

**Disposal recommendations for packaging**

EWC waste code 20 01 39 plastics

Uncontaminated packaging may be taken for recycling.

**SECTION 14: Transport information****Land transport ADR/RID****14.1. UN number**

UN 3264

**14.2. UN proper shipping name**

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid)

**14.3. Transport hazard class(es)**

Class 8

Label 8

**14.4. Packing group**

Packing group III

Limited Quantity 5 I

Transport category 3

**14.5. Environmental hazards**

-

Tunnel restriction code E

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**Marine transport IMDG/GGVSee****14.1. UN number**

UN 3264

**14.2. UN proper shipping name**

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid)

**14.3. Transport hazard class(es)**

Class 8

**14.4. Packing group**

Packing group III

**14.5. Environmental hazards**

-

**Air transport ICAO/IATA****14.1. UN number**

UN 3264

**14.2. UN proper shipping name**

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid)

**14.3. Transport hazard class(es)**

Class 8

**14.4. Packing group**

Packing group III

**14.5. Environmental hazards**

-

**Information for all modes of transport****14.6. Special precautions for user**

The relevant transport regulations have to be considered.

**Other information****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not determined

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****5 % or over but less than 15 %:**

phosphates, non-ionic surfactants

**less than 5 %:**

anionic surfactants

**Further ingredients**

alpha-Amylcinnamic aldehyde, Benzyl salicylate, p-tert-Butyl-alpha-methylhydrocinnamic aldehyde, Cinnamyl alcohol, Coumarin, Eugenol, Isoeugenol, Linalool, (R)-p-mentha-1,8-diene, Benzyl benzoate

**VOC**

VOC (CH) = 2,1 %

VOC (EU) = 2,1 %

**15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

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## **SECTION 16: Other information**

Alterations/supplements: Alterations to the previous edition are marked with an asterisk (\*) in the left-hand margin.

### **Hazard statements listed in Chapter 3**

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H412	Harmful to aquatic life with long lasting effects.

### **CLP categories listed in Chapter 3**

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Irrit. 2	Skin irritation, Category 2

### **Abbreviations**

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Civil Aviation Organization  
CAS: Chemical Abstracts Service  
VOC: Volatile Organic Compound  
INCI: International Nomenclature of Cosmetic Ingredients  
ICAO: International Air Transport Association  
NOEL: No observable effect level  
NOEC: No observable effect concentration  
LC: Lethal concentration  
LC: Lethal concentration  
DNEL: Derived no effect level  
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals  
IMO: International Maritime Organization  
PNEC: Predicted no effect concentration  
EU: European Union  
EC: European Community  
CEFIC: European Chemical Industry Council  
UN: United Nations

### **Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

