

Trade name: FOX

Substance number: SUB302020020000

Version: 4 / EU

Date revised: 11.12.2015

the date of issue: 26.04.07

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

FOX

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

Use of the substance/preparation

Liquid universal 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)
Eye Dam. 1 H318
Aquatic Chronic 3 H412
Skin Irrit. 2 H315

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

H318 Causes serious eye damage.
 H412 Harmful to aquatic life with long lasting effects.
 H315 Causes skin irritation.

Precautionary statements

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.

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

contains *** Alkylethersulfate, Sodium salt;N,N-bis(hydroxyethyl)amid;Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts;Benzenesulfonic acid, mono-C10-14-alkyl derivs., compds. with triethanolamine

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) *******Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts**

CAS No. 68411-30-3
 EINECS no. 270-115-0
 Registration no. 01-2119489428-22-0010
 Concentration >= 3 < 10 %

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

Eye Dam. 1	H318
Acute Tox. 4	H302
Skin Irrit. 2	H315
Aquatic Chronic 3	H412

Alkylethersulfate, Sodium salt

CAS No. 68891-38-3
 EINECS no. 500-234-8
 Registration no. 01-2119488639-16
 Concentration >= 5 < 10 %

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

Skin Irrit. 2	H315
Eye Dam. 1	H318
Aquatic Chronic 3	H412

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

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Eye Dam. 1	H318	>= 10 %
Eye Irrit. 2	H319	>= 5 < 10 %

N,N-bis(hydroxyethyl)amid

EINECS no.	931-329-6
Registration no.	01-2119490100-53-XXXX
Concentration	>= 3 < 10 %

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

Eye Dam. 1	H318
Aquatic Chronic 2	H411
Skin Irrit. 2	H315

Benzenesulfonic acid, mono-C10-14-alkyl derivs., compds. with triethanolamine

CAS No.	90194-42-6
EINECS no.	290-652-4
Registration no.	05-2114589537-30
Concentration	>= 1 < 3 %

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

Eye Dam. 1	H318
Skin Irrit. 2	H315
Acute Tox. 4	H302

Ingredients (Regulation (EC) No 648/2004)

15 % or over but less than 30 %:

anionic surfactants

preservation agents:

BENZISOTHIAZOLINONE

METHYLISOTHIAZOLINONE

constituent:

perfumes

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

Remove contaminated, soaked clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. No special measures required.

After skin contact

In case of contact with skin wash off with warm water. No special measures required.

After eye contact

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

After ingestion

Rinse mouth thoroughly with water. If swallowed, seek medical advice immediately and show this container or label.

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

Until now no symptoms known so far.

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

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Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Compatible with all usual extinguishing media.

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

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the subsoil/soil. 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). Rinse away rest with plenty of water.

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

Keep container tightly closed. Observe the usual precautions for handling chemicals. Provide good ventilation of working area (local exhaust ventilation if necessary).

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value >= 5 <= 25 °C

Storage stability

Storage life: 3 years

Requirements for storage rooms and vessels

Keep only in the original container. Storage rooms must be properly ventilated.

Further information on storage conditions

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Keep locked up and out of the reach of children. Keep container tightly closed; open and handle with care.

7.3. Specific end use(s)

For industrial application only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

There is not known any national exposure limit.

Derived No/Minimal Effect Levels (DNEL/DMEL)

Alkylethersulfate, Sodium salt

Reference substance	Alkylethersulfate, Sodium salt	
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	2750	mg/kg/d

Type of value	Alkylethersulfate, Sodium salt	
Reference group	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	175	mg/m ³

Type of value	Alkylethersulfate, Sodium salt	
Reference group	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	1650	mg/kg/d

Type of value	Alkylethersulfate, Sodium salt	
Reference group	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	52	mg/m ³

Type of value	Alkylethersulfate, Sodium salt	
Reference group	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	15	mg/kg/d

Predicted No Effect Concentration (PNEC)

Alkylethersulfate, Sodium salt

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Reference substance	Alkylethersulfate, Sodium salt	
Type of value	PNEC	
Type	Freshwater	
Concentration	0,24	mg/l
Method	Assessment factors	
Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Type	Saltwater	
Concentration	0,024	mg/l
Method	Assessment factors	
Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	10000	mg/l
Method	Assessment factors	
Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Type	Freshwater sediment	
Concentration	5,45	mg/kg
Method	Equilibrium partitioning	
Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Type	Marine sediment	
Concentration	0,545	mg/kg
Method	Equilibrium partitioning	
Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Type	Soil	
Concentration	0,946	mg/kg
Method	Equilibrium partitioning	

8.2. Exposure controls

General protective and hygiene measures

Avoid prolonged and/or repeated contact with skin. Use barrier skin cream. Do not eat, drink or smoke during work time. Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary, but do not inhale vapours.

Hand protection

In case of intensive contact wear protective gloves.

Appropriate Material	butyl		
Material thickness	=	0,5	mm
Breakthrough time	>=	120	min
Appropriate Material	nitrile		

z.B.: BRILLANT nitrilX-TREME, Art.-Nr. 4451001000 oder BRILLANT nitrilSTYLE, Art.-Nr. 4451001300

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid, slightly viscous			
Colour	green			
Odour	Product specific			
pH value				
Value	6,5	to	7,5	
Concentration/H ₂ O	100	%		
Temperature	20	°C		
Remarks	neutral			
Freezing point				
Value	appr. -4	to	4	°C
Sublimation point				
Remarks	not determined			
Initial boiling point and boiling range				
Value	appr. 100			°C
Flash point				
Value	> 100			°C
Evaporation rate				
Remarks	not determined			
Evaporation rate (ether = 1) :				
Remarks	not determined			
Vapour pressure				
Remarks	not determined			
Vapour density				
Remarks	not determined			
Density				
Value	1,022			g/cm ³
Temperature	20	°C		
Solubility in water				
Remarks	Completely miscible			
Solubility(ies)				
Remarks	not determined			
Partition coefficient: n-octanol/water				
Remarks	not determined			
Auto-ignition temperature				
Remarks	not determined			
Combustion factor				
Remarks	not determined			
Decomposition temperature				
Remarks	No decomposition if used as prescribed.			
Viscosity				
dynamic				
Value	appr. 200	to	800	mPa.s
Temperature	20	°C		

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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

Saturation Concentration

Remarks not determined

Critical point

Remarks not determined

Dissociation constant

Remarks not determined

Surface tension

Remarks not determined

Other information

None known

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

Reactions with impurities.

10.2. Chemical stability

Protect from extreme heat and cold.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Keep at temperature not exceeding 30 °C.

Decomposition temperature

Remarks No decomposition if used as prescribed.

10.5. Incompatible materials

No hazardous reactions when stored and handled according to prescribed instructions.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**ATE 4.844,96 mg/kg
12

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

Skin corrosion/irritation

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evaluation

irritant

Serious eye damage/irritation

evaluation

irritant - risk of serious damage to eyes

Sensitization

evaluation

non-sensitizing

Subacute, subchronic, chronic toxicity

Remarks

not determined

Mutagenicity

Remarks

not determined

Reproductive toxicity

Remarks

not determined

Carcinogenicity

Remarks

not determined

Specific Target Organ Toxicity (STOT)

Remarks

not determined

Experience in practice

Inhalation may lead to irritation of the respiratory tract.

Other information

Product specific toxicological data are not known.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

Reference substance	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.			
CAS No.	85536-14-7			
Species	zebra fish (<i>Brachydanio rerio</i>)			
LC50	1	to	10	mg/l
Duration of exposure	96	h		

Reference substance	Alkylethersulfate, Sodium salt			
CAS No.	68891-38-3			
LC50	> 1			mg/l
Duration of exposure	96	h		

Daphnia toxicity

Reference substance	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.			
CAS No.	85536-14-7			
EC50	1	to	10	mg/l
Duration of exposure	48	h		

Reference substance	Amides, coco, N,N-bis(hydroxyethyl)			
CAS No.	68603-42-9			
Species	<i>Daphnia magna</i>			
EC0	2,5			mg/l
Duration of exposure	24	h		
Source	IUCLID			

Algae toxicity

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Reference substance	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.			
CAS No.	85536-14-7			
EC50	10	to	100	mg/l
Duration of exposure	72	h		

Reference substance	Amides, coco, N,N-bis(hydroxyethyl)			
CAS No.	68603-42-9			
Species	Scenedesmus subspicatus			
EC50	2,2			mg/l
Duration of exposure	72	h		
Source	IUCLID			

Bacteria toxicity

Reference substance	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.			
CAS No.	85536-14-7			
Species	activated sludge			
EC50	> 10			mg/l
Duration of exposure	16	h		

Reference substance	Amides, coco, N,N-bis(hydroxyethyl)			
CAS No.	68603-42-9			
Species	Pseudomonas putida			
EC0	1000			mg/l
Duration of exposure	30	min		
Source	IUCLID			

12.2. Persistence and degradability**General information**

not determined

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil**General information**

not determined

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

not determined

12.6. Other adverse effects**General information**

not determined

General information / ecology

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code 20 01 29* detergents containing dangerous substances
The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

Land transport ADR/RID

Non-dangerous goods

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class

-

14.4. Packing group

Packing group

-

14.5. Environmental hazards

-

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class

-

14.4. Packing group

Packing group

-

14.5. Environmental hazards

-

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

14.1. UN number

UN -

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

Class

-

14.4. Packing group

Packing group

-

14.5. Environmental hazards

-

Information for all modes of transport

14.6. Special precautions for user

Non-dangerous goods

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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 %:**

anionic surfactants

less than 5 %:

non-ionic surfactants

Further ingredients

Terpineols, p-tert-Butyl-alpha-methylhydrocinnamic aldehyde, Citronellal, dl-Citronellol, Dipentene, Citral

VOC

VOC (CH) = 0,0 %

VOC (EU) = 0,0 %

15.2. Chemical safety assessment

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

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.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
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
 EINECS: European Inventory of Existing Commercial Chemical Substances
 VOC: Volatile Organic Compound
 NOEL: No observable effect level
 NOEC: No observable effect concentration
 LD: Lethal dose
 LC: Lethal concentration
 REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals
 IMO: International Maritime Organization
 DNEL: Derived no effect level
 PNEC: Predicted no effect concentration

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RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses

EC: European Community

EU: European Union

GHS: Globally Harmonized System of classification and Labelling of Chemicals

MAK: Maximale Arbeitsplatz-Konzentration

INCI: International Nomenclature of Cosmetic Ingredients

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.

