

Trade name: fox CITRO

Substance number: SUB302023440000

Version: 3 / EU

Date revised: 11.04.2023

the date of issue: 09.03.23

Replaces Version: 2 / EU

Print date: 15.05.2023

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

1.1. Product identifier

fox CITRO

Substance / product identification

UFI

YHU5-726T-800D-YGKY

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.com

Information provided

Regulatory Affairs

by / telephone

E-mail address of

regulatoryaffairs@hagleitner.com

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 4343

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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

Skin Irrit. 2

H315

Eye Dam. 1

H318

Aquatic Chronic 3

H412

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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



Signal word

Danger

Hazard statements

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

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; Amides, C8-18 (even numbered) and C18-unsatd., N, N- bis(hydroxyethyl); Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts; Benzenesulfonic acid, mono-C10-14-alkyl derivs., compds. with triethanolamine

Supplemental information

For industrial application only.

2.3. Other hazards

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

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	

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	Skin Irrit. 2	H315	
	Aquatic Chronic 3	H412	
cATpE	oral	500	mg/kg

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)

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

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	>= 3	< 5,3	%
Classification (Regulation (EC) No. 1272/2008)			
	Eye Dam. 1	H318	
	Skin Irrit. 2	H315	
	Acute Tox. 4	H302	

cATpE	oral	500	mg/kg
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Amides, C8-18 (even numbered) and C18-unsatd., N, N- bis(hydroxyethyl)

CAS No.	68155-07-7		
EINECS no.	931-329-6		
Registration no.	01-2119490100-53-XXXX		
Concentration	>= 2,5	< 3	%
Classification (Regulation (EC) No. 1272/2008)			
	Eye Dam. 1	H318	
	Aquatic Chronic 2	H411	
	Skin Irrit. 2	H315	

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.

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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 ophthalmologist.

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

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

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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 original packaging. Storage rooms must be properly ventilated.

Further information on storage conditions

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	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	
	Derived No Effect Level (DNEL)	

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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	
	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/m³

Type of value	Alkylethersulfate, Sodium salt	
	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**

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	
	PNEC	
Type	Saltwater	
Concentration	0,024	mg/l
Method	Assessment factors	

Type of value	Alkylethersulfate, Sodium salt	
	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	10000	mg/l
Method	Assessment factors	

Type of value	Alkylethersulfate, Sodium salt	
	PNEC	
Type	Freshwater sediment	
Concentration	5,45	mg/kg
Method	Equilibrium partitioning	

Type of value	Alkylethersulfate, Sodium salt	
	PNEC	

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Type	Marine sediment	
Concentration	0,545	mg/kg
Method	Equilibrium partitioning	
Type of value	Alkylethersulfate, Sodium salt	
Type	PNEC	
Concentration	Soil	
Method	0,946	mg/kg
	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	
Material thickness		0,4 mm
Breakthrough time	>=	480 min

z.B.: BRILLANT nitrilCOMFORT, Art.-Nr. 4451000700 oder BRILLANT nitrilSTYLE, Art.-Nr. 4451001300

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid, slightly viscous
Colour	yellowish
Odour	Product specific
Freezing point	
Value	appr. -4 to 4 °C
Boiling point or initial boiling point and boiling range	
Value	appr. 100 °C
Flash point	
Value	> 100 °C
Decomposition temperature	
Remarks	No decomposition if used as prescribed.

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pH value

Value	6,5	to	7,5
Concentration/H ₂ O	100	%	
Temperature	20	°C	
Remarks	neutral		

Viscosity**dynamic**

Value	appr. 500	to	1300	mPa.s
Temperature	20	°C		

Solubility(ies)

Remarks	not determined
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Partition coefficient n-octanol/water (log value)

Remarks	not determined
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Vapour pressure

Remarks	not determined
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Density and/or relative density

Value	1,027		g/cm ³
Temperature	20	°C	

Relative vapour density

Remarks	not determined
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9.2. Other information**Sublimation point**

Remarks	not determined
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Evaporation rate

Remarks	not determined
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Evaporation rate (ether = 1) :

Remarks	not determined
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Solubility in water

Remarks	Completely miscible
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Auto-ignition temperature

Remarks	not determined
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Combustion factor

Remarks	not determined
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Oxidising properties

evaluation	None known
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Bulk density

Remarks	not determined
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Packed bulk density

Remarks	not determined
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Solids content

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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.

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 hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**ATE 4.836,05 mg/kg
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Method calculated value (Regulation (EC) No. 1272/2008)

Skin corrosion/irritation

evaluation irritant

Serious eye damage/irritation

evaluation irritant - risk of serious damage to eyes

Sensitization

evaluation non-sensitizing

Subacute, subchronic, chronic toxicity

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Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Specific Target Organ Toxicity (STOT)

Remarks not determined

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

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****General information**

not determined

Fish toxicity

Reference substance Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

CAS No. 85536-14-7

Species zebra fish (Brachydanio rerio)

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 Daphnia magna

EC0 2,5 mg/l

Duration of exposure 24 h

Source IUCLID

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Algae toxicity

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		

Algae toxicity (Components)**Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts**

EC50	1	to	10 mg/l
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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 (log value)

Remarks	not determined
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12.4. Mobility in soil**General information**

not determined

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

not determined

12.6 Endocrine disrupting properties**General information**

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The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

12.7. Other adverse effects

General information

not determined

Global Warming Potential

Remarks 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.

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

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.-	The product does not constitute a hazardous substance in sea transport.-	The product does not constitute a hazardous substance in air transport.-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-
14.5. Environmental hazards	-		-
14.1. UN number	The product does not constitute a hazardous substance in land transport.-	The product does not constitute a hazardous substance in sea transport.-	The product does not constitute a hazardous substance in air transport.-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Label			
14.4. Packing group	-	-	-
14.5. Environmental hazards	-		-

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Information for all modes of transport

14.6. Special precautions for user

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

Other information

14.7 Maritime transport in bulk according to IMO instruments

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

perfumes, Terpeneols, Citronellal

Water Hazard Class (Germany)

Water Hazard Class
(Germany)

WGK 2

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

VOC

VOC (CH)	=	0,0	%
VOC (EU)	=	0,0	%
VOC (CH)	=	0	%
VOC (EU)	=	0	%

Substance / product identification

UFI

YHU5-726T-800D-YGKY

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.

Classification and method used to derive the classification of mixtures in accordance with Regulation (EC) No 1272/2008 [CLP]: Based on test data, calculation method;

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.

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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 Air Transport Association
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
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.

