

Trade name: ecosol BRITE N

Substance number: SUB302021170000

Version: 15 / EU

Date revised: 11.04.2023

the date of issue: 09.03.07

Replaces Version: 14 / EU

Print date: 15.05.2023

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

1.1. Product identifier

ecosol BRITE N

Substance / product identification

UFI 798R-E0KG-100S-09Q8

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

Use of the substance/preparation

Liquid gloss agent for glass- and dishwashing-machines. 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 ALCOHOL, C12/C15, ETHOXYLATED, PROPOXYLATED

EUH208 Contains reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1), May produce an allergic reaction.

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

ALCOHOL, C12/C15, ETHOXYLATED, PROPOXYLATED

CAS No.	120313-48-6				
Concentration	>=	10	<	25	%
Classification (Regulation (EC) No. 1272/2008)					
	Aquatic Acute 1		H400		
	Eye Dam. 1		H318		

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Skin Irrit. 2	H315
Aquatic Chronic 3	H412

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

Aquatic Acute 1	M = 1
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fatty alcohol alkoxylate 4

CAS No. POLYMER

EINECS no. POLYMER

Registration no. 02-2119552554-37-0000

Concentration	>= 10	< 25	%
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Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4	H302
Eye Irrit. 2	H319
Aquatic Chronic 3	H412

ethanol

CAS No. 64-17-5

EINECS no. 200-578-6

Registration no. 01-2119457610-43-XXXX

Concentration	>= 1	< 10	%
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Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2	H225
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reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)

CAS No. 55965-84-9

Concentration	< 0,0015	%
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Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 2	H310
Aquatic Acute 1	H400
Aquatic Chronic 1	H410
Skin Sens. 1A	H317
Skin Corr. 1C	H314
Acute Tox. 2	H330
Acute Tox. 3	H301
Eye Dam. 1	H318

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

Eye Dam. 1	H318	>= 0,6 %
Eye Irrit. 2	H319	>= 0,06 < 0,6 %
Skin Corr. 1C	H314	>= 0,6 %
Skin Irrit. 2	H315	>= 0,06 < 0,6 %
Skin Sens. 1A	H317	>= 0,0015 %
Aquatic Acute 1	M = 100	
Aquatic Chronic 1	M = 100	

Additional remarks:

CLP

Regulation (EC) No 1272/2008, Annex VI, Note B

SECTION 4: First aid measures

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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 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

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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, clear

Colour

blue

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

appr. 48 °C

Method

closed cup

Decomposition temperature

Remarks

No decomposition if used as prescribed.

pH value

Value

7,4

Concentration/H₂O

100 %

Temperature

20 °C

Remarks

neutral

Viscosity**dynamic**

Value

appr. 60 mPa.s

Temperature

20 °C

Solubility(ies)

Remarks

not determined

Partition coefficient n-octanol/water (log value)

Remarks

not determined

Vapour pressure

Remarks

not determined

Density and/or relative density

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Value	appr.	0,99		g/cm ³
Temperature		20	°C	

Relative vapour density

Remarks not determined

9.2. Other information**Sublimation point**

Remarks not determined

Evaporation rate

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Solubility in water

Remarks Completely miscible

Auto-ignition temperature

Remarks not determined

Combustion factor

Remarks not determined

Oxidising properties

evaluation None known

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.

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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 (Components)****ALCOHOL, C12/C15, ETHOXYLATED, PROPOXYLATED**

Species	rat	
LD50	> 2000	mg/kg
Source	Manufacturer's data	

fatty alcohol alkoxyate 4

Species	rat	
LD50	> 2000	mg/kg
Source	Manufacturer's data	

Skin corrosion/irritation

evaluation	irritant
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Serious eye damage/irritation

evaluation	slight irritant effect - does not require labelling
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Sensitization

evaluation	non-sensitizing
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Subacute, subchronic, chronic toxicity

Remarks	not determined
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Mutagenicity

Remarks	not determined
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Reproductive toxicity

Remarks	not determined
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Carcinogenicity

Remarks	not determined
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Specific Target Organ Toxicity (STOT)

Remarks	not determined
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11.2 Information on other hazards

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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****Fish toxicity (Components)****ALCOHOL, C12/C15, ETHOXYLATED, PROPOXYLATED**

Species	zebra fish (Brachydanio rerio)	
LC50	= 0,1 to 1	mg/l
Duration of exposure	= 96 h	
Source	Manufacturer's data	

fatty alcohol alkoxylate 4

Species	golden orfe (Leuciscus idus)	
LC50	= 1 to 10	mg/l
Duration of exposure	= 48 h	
Source	Manufacturer's data	

ethanol

Species	Fathead minnow (Pimephales promelas)	
LC50	= 15300	mg/l
Duration of exposure	= 96 h	
Method	US-EPA	

Daphnia toxicity (Components)**ALCOHOL, C12/C15, ETHOXYLATED, PROPOXYLATED**

EC50	= 1 to 10	mg/l
Duration of exposure	= 48 h	
Source	Manufacturer's data	

fatty alcohol alkoxylate 4

LC50	= 1 to 10	mg/l
Duration of exposure	= 48 h	
Source	Manufacturer's data	

ethanol

Species	Ceriodaphnia spec	
EC50	> 10000	mg/l
Duration of exposure	= 48 h	
Source	Manufacturer's data	

ethanol

Species	Daphnia magna	
EC50	> 10000	mg/l
Duration of exposure	= 48 h	

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Algae toxicity (Components)**ALCOHOL, C12/C15, ETHOXYLATED, PROPOXYLATED**

EC50	=	0,1	to	1	mg/l
Duration of exposure	=	72	h		
Source	Manufacturer's data				

ethanol

Species	Chlorella vulgaris				
EC10	=	11,5			mg/l
Duration of exposure	=	3	d		
Method	OECD TG 201				

ethanol

Species	Chlorella vulgaris				
EC50	=	275			mg/l
Duration of exposure	=	3	d		
Method	OECD TG 201				

Bacteria toxicity (Components)**ALCOHOL, C12/C15, ETHOXYLATED, PROPOXYLATED**

Species	Pseudomonas putida				
EC10	>	1000			mg/l
Source	Manufacturer's data				

fatty alcohol alkoxyate 4

Species	activated sludge				
	>	1000			mg/l

ethanol

	=	5800			mg/l
Duration of exposure	=	4	h		

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

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

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General information

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
Tunnel restriction code	D/E		
14.1. UN number	1987	1987	1987
14.2. UN proper shipping name	ALCOHOLS, N.O.S. (ethanol)	ALCOHOLS, N.O.S. (ethanol)	ALCOHOLS, N.O.S. (ethanol)
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	3		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant 	 ENVIRONMENTALLY HAZARDOUS

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

The relevant transport regulations have to be considered.

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****30 % and more:**

non-ionic surfactants

Further ingredients

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H

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-isothiazol-3- one [EC no. 220-239-6] (3:1)

VOC

VOC (CH)	=	8	%
VOC (EU)	=	8	%

Substance / product identification

UFI	798R-E0KG-100S-09Q8
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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

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very 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. 2	Acute toxicity, Category 2
Acute Tox. 3	Acute toxicity, Category 3
Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
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
Flam. Liq. 2	Flammable liquid, Category 2
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1A	Skin sensitization, Category 1A

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

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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.

