

Trade name: integral BRITE S

Substance number: SUB302021180000

Version: 4 / WORLD

Date revised: 21.09.11

the date of issue: 09.03.07

Replaces Version: 3 / WORLD

Date of printing: 26.11.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

integral BRITE S

S001200020

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

Manufacture

Firms	HAGLEITNER HYGIENE INTERNATIONAL GmbH
Address	Lunastrasse 5 5700 Zell am See - Austria
Telephone no.	+43 (0)5 0456
Fax no.	+43 (0)5 0456 7777
E-Mail	international@hagleitner.com
Website	www.hagleitner.com Monday - Friday 08:00 - 17:00

Contact person

Division	Regulatory Affairs
E-mail address of person responsible for this SDS	sicherheit@hagleitner.com Monday - Friday 08:00 - 17:00
Emergency telephone	Anti Poison Center Vienna: +43 (0)1 406 43430

Address

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	sicherheit@hagleitner.com
Information provided by / telephone	Regulatory Affairs
E-mail address of person responsible for this SDS	sicherheit@hagleitner.com

1.4. Emergency telephone number

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

2. Hazards identification

2.2. Label elements

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

Trade name: integral BRITE S

Substance number: SUB302021180000

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the date of issue: 09.03.07

Replaces Version: 3 / WORLD

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irritant



Dangerous for the environment

R phrases

36/38

Irritating to eyes and skin.

50

Very toxic to aquatic organisms.

S phrases

24/25

Avoid contact with skin and eyes.

61

Avoid release to the environment. Refer to special instructions/Safety data sheets.

3. Composition/information on ingredients**Hazardous ingredients****FATTY ALCOHOL, ETHOXYLATED, PROPOXYLATED**

CAS No.

POLYMER

EINECS no.

POLYMER

Registration no.

POLYMER

Concentration

>=	10	<	25	%
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Classification

Xi, R38

N, R50

Propan-2-ol

CAS No.

67-63-0

EINECS no.

200-661-7

Registration no.

PRE

Concentration

>=	10	<	25	%
----	----	---	----	---

Classification

Xi, R36

F, R11

R67

Citric acid

CAS No.

77-92-9

EINECS no.

201-069-1

Registration no.

PRE

Concentration

>=	10	<	25	%
----	----	---	----	---

Classification

Xi, R36

FATTY ALCOHOL, ETHOXYLATED, PROPOXYLATED

CAS No.

POLYMER

EINECS no.

POLYMER

Registration no.

POLYMER

Concentration

>=	10	<	25	%
----	----	---	----	---

Classification

Xi, R36/38

N, R50

Ingredients (Regulation (EC) No 648/2004)

30 % and more:

non-ionic surfactants

Trade name: integral BRITE S

Substance number: SUB302021180000

Version: 4 / WORLD

Date revised: 21.09.11

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Replaces Version: 3 / WORLD

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4. First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

After ingestion

Rinse out mouth and give plenty of water to drink.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas. Water, ABC powder, Carbon dioxide

Non Suitable extinguishing media

Compatible with all usual extinguishing media.

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.

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 surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Rinse away rest with plenty of water. Dispose of absorbed material in accordance with the regulations.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures necessary if stored and handled as prescribed.

Advice on protection against fire and explosion

No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities

Trade name: integral BRITE S

Substance number: SUB302021180000
the date of issue: 09.03.07

Version: 4 / WORLD
Replaces Version: 3 / WORLD

Date revised: 21.09.11
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Recommended storage temperature

Value appr. 10 25 °C

Requirements for storage rooms and vessels

Keep only in the original container.

Hints on storage assembly

None known

Further information on storage conditions

Keep container tightly closed.

8. Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions when handling chemicals. Do not eat, drink or smoke during work time.
Wash hands before breaks and after work.

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation.

Hand protection

Chemical resistant gloves			
Appropriate Material	nitrile		
Material thickness	0.4	mm	
Penetrating time	> 480	min	

Eye protection

Safety glasses with side protection shield

Body protection

Clothing as usual in the chemical industry.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	liquid, clear
Colour	yellow
Odour	Product specific
pH	
Value	appr. 1,6 to 2,1
Concentration/H2O	100 %
Temperature	20 °C
Remarks	acidic
Value	3,0
Concentration/H2O	100 g/l

Boiling point

Value appr. 100 °C

Flash point

Value appr. 31 °C
Method closed cup

Flammability

Not ignitable

Density

Trade name: integral BRITE S

Substance number: SUB302021180000

Version: 4 / WORLD

Date revised: 21.09.11

the date of issue: 09.03.07

Replaces Version: 3 / WORLD

Date of printing: 26.11.12

Value	appr. 1,0		g/cm ³
Temperature	20	°C	

Solubility in water

Remarks Completely miscible

Thermal decomposition

Remarks No decomposition if used as prescribed.

Viscosity**dynamic**

Value	appr. 130		mPa.s
Temperature	20	°C	

10. Stability and reactivity**10.4. Conditions to avoid**

Protect from contamination.

Thermal decomposition

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.

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

Reference substance	FATTY ALCOHOL, ETHOXYLATED, PROPOXYLATED	
LD50	= 2.000	mg/kg
Reference substance	Propan-2-ol	
Species	rat	
LD50	= 5.280	mg/kg

Acute dermal toxicity

Reference substance	Propan-2-ol	
Species	rabbit	
LD50	= 12.800	mg/kg

Acute inhalational toxicity

Reference substance	Propan-2-ol	
Species	rat	
LC50	= 72,6	mg/l
Duration of exposure	= 4	h

Skin corrosion/irritation

valuation irritant

Serious eye damage/irritation

valuation irritant

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

Trade name: integral BRITE S

Substance number: SUB302021180000

Version: 4 / WORLD

Date revised: 21.09.11

the date of issue: 09.03.07

Replaces Version: 3 / WORLD

Date of printing: 26.11.12

Reference substance	Citric acid				
CAS No.	77-92-9				
Species	golden orfe (<i>Leuciscus idus</i>)				
LC50	> 440	to	760		mg/l
Duration of exposure	96		h		
Source	IUCLID				

Reference substance	Propan-2-ol				
CAS No.	67-63-0				
Species	Fathead minnow (<i>Pimephales promelas</i>)				
LC50	9640				mg/l
Duration of exposure	96		h		
Source	IUCLID				

Daphnia toxicity

Reference substance	Citric acid				
CAS No.	77-92-9				
Species	<i>Daphnia magna</i>				
EC50	appr. 120				mg/l
Duration of exposure	72		h		
Source	IUCLID				

Reference substance	Propan-2-ol				
CAS No.	67-63-0				
Species	<i>Daphnia magna</i>				
EC50	> 100				mg/l
Duration of exposure	21		d		
Source	IUCLID				

Reference substance	FATTY ALCOHOL, ETHOXYLATED, PROPOXYLATED				
CAS No.	POLYMER				
Species	<i>Daphnia magna</i>				
EC50	1	to	10		mg/l
Duration of exposure	48		h		
Method	OECD TG 202				
Source	IUCLID				

Algae toxicity

Reference substance	Citric acid				
CAS No.	77-92-9				
Species	<i>Scenedesmus quadricauda</i>				
EC0	640				mg/l
Duration of exposure	7		d		
Source	IUCLID				

Reference substance	Propan-2-ol				
CAS No.	67-63-0				
Species	<i>Scenedesmus subspicatus</i>				
EC50	> 1000				mg/l
Duration of exposure	72		h		
Source	IUCLID				

Bacteria toxicity

Reference substance	Citric acid
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the date of issue: 09.03.07Version: 4 / WORLD
Replaces Version: 3 / WORLDDate revised: 21.09.11
Date of printing: 26.11.12

CAS No.	77-92-9	
Species	Pseudomonas putida	
EC50	> 10000	mg/l
Source	IUCLID	

Reference substance	Propan-2-ol	
CAS No.	67-63-0	
Species	activated sludge	
EC50	112	g/l
Duration of exposure	30 h	
Source	IUCLID	

12.6. Other adverse effects

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. After an indented use this product can reach the watercourses.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code 20 01 29* detergents containing dangerous substances
Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

14. Transport information

Land transport ADR/RID

14.1. UN number

UN 3082

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

Label 9

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

Danger releasing substance FATTY ALCOHOL ALCOXYLATE

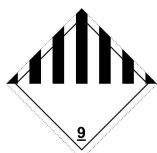
14.3. Transport hazard class(es)

9

Label 9

14.4. Packing group

III



Trade name: integral BRITE S

Substance number: SUB302021180000

Version: 4 / WORLD

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

UN 3082

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

Danger releasing substance FATTY ALCOHOL ALCOXYLATE

14.3. Transport hazard class(es)

9

14.4. Packing group

III

14.5. Environmental hazards

Marine Pollutant

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

UN 3082

14.3. Transport hazard class(es)

Class 9

14.4. Packing group

Packing group III

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

Danger releasing substance FATTY ALCOHOL ALCOXYLATE

14.3. Transport hazard class(es)

9

14.4. Packing group

III

15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC**

VOC (CH) 10 %

VOC (EU) 10 %

16. Other information

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

R-phrases listed in Chapter 3

11	Highly flammable.
36	Irritating to eyes.
36/38	Irritating to eyes and skin.
38	Irritating to skin.
50	Very toxic to aquatic organisms.
67	Vapours may cause drowsiness and dizziness.

Supplemental information

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.

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