



Bar's Leaks Liquid

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 04/05/2014

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Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Product name : Bar's Leaks Liquid
Product code : 121005
Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : consumer use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Bar's Europe
Lage Brink 26
7317 BE Apeldoorn - The Netherlands
T +31 (0)55 579 04 34
info@barseurope.com - www.barseurope.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
ICELAND	Iceland Poisons Information Centre Landspítali University Hospital	Fossvogi 108 Reykjavik	+354 525 111 +354 543 2222
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964
UNITED KINGDOM	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)
Ελλάδα	Poisons Information Centre Children's Hospital "Aglaia. Kyriakou"	11527 Athens	+30 10 779 3777
إسرائيل	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096 Haifa	+972 4 854 1900

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

CLP Signal word : Warning
Hazard statements (CLP) : H315 - Causes skin irritation
H319 - Causes serious eye irritation
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand

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P102 - Keep out of reach of children
P280 - Wear Protective gloves
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 - If eye irritation persists: Get medical advice/attention

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Curcumine - 458-37-7	(CAS No) 458-37-7	5 - 10	Xi; R36/37/38
Sodium Sulphonate, alkanol amide, amine salts. Total mineral content: 25-30%		5 - 10	Xi; R36/38 R52/53
sodium carbonate	(CAS No) 497-19-8 (EC no) 207-838-8 (EC index no) 011-005-00-2	2,5 - 5	Xi; R36
2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve	(CAS No) 111-76-2 (EC no) 203-905-0 (EC index no) 603-014-00-0	1 - 2,5	Xn; R20/21/22 Xi; R36/38
Mixed amine salts		1 - 2,5	Xi; R36

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Curcumine - 458-37-7	(CAS No) 458-37-7	5 - 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Sodium Sulphonate, alkanol amide, amine salts. Total mineral content: 25-30%		5 - 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
sodium carbonate	(CAS No) 497-19-8 (EC no) 207-838-8 (EC index no) 011-005-00-2	2,5 - 5	Eye Irrit. 2, H319
2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve	(CAS No) 111-76-2 (EC no) 203-905-0 (EC index no) 603-014-00-0	1 - 2,5	Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Irrit. 2, H315
Mixed amine salts		1 - 2,5	Eye Irrit. 2, H319

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Seek medical attention if ill effect develops.
First-aid measures after inhalation	: Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain, blinking, tears or redness persist.
First-aid measures after ingestion	: Consult a doctor/medical service if you feel unwell. If vomiting occurs spontaneously, keep head below the hips to prevent aspiration. Do not induce vomiting. Rinse mouth.

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

Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/injuries after skin contact	: Not expected to present a significant hazard under anticipated conditions of normal use. Contact during a long period may cause slight irritation.
Symptoms/injuries after eye contact	: Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.

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Symptoms/injuries after ingestion	: Bad taste. Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.
Symptoms/injuries upon intravenous administration	: Unknown.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide (CO ₂), dry chemical powder, foam. Water fog.
Unsuitable extinguishing media	: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustion generates : CO, CO ₂ .
Explosion hazard	: Not expected to be a fire/explosion hazard under normal conditions of use.

5.3. Advice for firefighters

Precautionary measures fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Firefighting instructions	: Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Use self-contained breathing apparatus and chemically protective clothing.
Other information	: Prevent fire-fighting water from entering environment. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Spill area may be slippery. Prevent soil and water pollution. Prevent entry to sewers and public waters.
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6.1.1. For non-emergency personnel

Protective equipment	: Use protective clothing.
Emergency procedures	: No specific measures are necessary.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: No specific measures are necessary.

6.2. Environmental precautions

Dike for recovery or absorb with appropriate material. Notify authorities if product enters sewers or public waters. Prevent soil and water pollution. Prevent liquid from entering sewers, watercourses, underground or low areas. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

6.3. Methods and material for containment and cleaning up

For containment	: Large quantities: Contain large spillage with sand or earth.
Methods for cleaning up	: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Take up large spills with pump or vacuum and finish with dry chemical absorbent.
Other information	: Use suitable disposal containers. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: None under normal use.
Precautions for safe handling	: May be dangerously slippery if spilled. Do not eat, drink or smoke during use. Remove contaminated clothing and shoes.
Hygiene measures	: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep container tightly closed and in well ventilated place.
Storage conditions	: Store in original container.
Incompatible products	: Reacts vigorously with strong oxidizers and acids.
Maximum storage period	: 3 year

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Storage temperature	: ≤ 40 °C.
Prohibitions on mixed storage	: Keep away from : oxidizing materials. strong acids.
Storage area	: Store at ambient temperature.
Special rules on packaging	: Keep container tightly closed and dry.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

sodium carbonate (497-19-8)		
Romania	Local name	Carbonat de sodiu
Romania	OEL TWA (mg/m ³)	1 mg/m ³
Romania	OEL STEL (mg/m ³)	3 mg/m ³
2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)		
EU	Local name	2-Butoxyethanol
EU	IOELV TWA (mg/m ³)	98 mg/m ³
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m ³)	246 mg/m ³
EU	IOELV STEL (ppm)	50 ppm
EU	Notes	Skin
Austria	Local name	2-Butoxyethanol
Austria	MAK (mg/m ³)	98 mg/m ³
Austria	MAK (ppm)	20 ppm
Austria	MAK Short time value (mg/m ³)	200 mg/m ³
Austria	MAK Short time value (ppm)	40 ppm
Austria	Remark (AT)	H
Belgium	Local name	2-Butoxyéthanol
Belgium	Limit value (mg/m ³)	98 mg/m ³
Belgium	Limit value (ppm)	20 ppm
Belgium	Short time value (mg/m ³)	246 mg/m ³
Belgium	Short time value (ppm)	50 ppm
Belgium	Remark (BE)	D
Bulgaria	Local name	2-Бутоксиетанол•
Bulgaria	OEL TWA (mg/m ³)	98 mg/m ³
Bulgaria	OEL STEL (mg/m ³)	246 mg/m ³
Croatia	Local name	2-Butoksietanol; (Etilen-glikol monobutil-eter; butilov celosolv)
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	98 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	20 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	246 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	50 ppm
Croatia	Naznake (HR)	K, EU* Xn
Czech Republic	Local name	2-Butoxyethanol
Czech Republic	Expoziční limity (PEL) (mg/m ³)	100 mg/m ³
Czech Republic	Expoziční limity (PEL) (ppm)	21 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	200 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (ppm)	41 ppm
Czech Republic	Remark (CZ)	D
Denmark	Local name	Butylglycol (2000)
Denmark	Grænseværdie (langvarig) (mg/m ³)	98 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	20 ppm
Denmark	Anmærkninger (DK)	EH
Finland	Local name	2-Butoksietanoli
Finland	HTP-arvo (8h) (mg/m ³)	98 mg/m ³

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2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)		
Finland	HTP-arvo (8h) (ppm)	20 ppm
Finland	HTP-arvo (15 min)	250 mg/m ³
Finland	HTP-arvo (15 min) (ppm)	50 ppm
France	Local name	2-Butoxyéthanol
France	VME (mg/m ³)	9,8 mg/m ³
France	VME (ppm)	2 ppm
France	VLE (mg/m ³)	147,6 mg/m ³
France	VLE (ppm)	30 ppm
Germany	Local name	2-Butoxy-ethanol
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	49 mg/m ³
Germany	TRGS 900 Occupational exposure limit value (ppm)	10 ppm
Germany	Remark (TRGS 900)	DFG,EU,H,Y
Greece	OEL TWA (mg/m ³)	120 mg/m ³
Greece	OEL TWA (ppm)	25 ppm
Hungary	Local name	2-BUTOXIETANOL
Hungary	AK-érték	98 mg/m ³
Hungary	CK-érték	246 mg/m ³
Hungary	Megjegyzések (HU)	b, i; II.1.
Ireland	Local name	2-Butoxyethanol (EGBE)
Ireland	OEL (8 hours ref) (mg/m ³)	98 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	20 ppm
Ireland	OEL (15 min ref) (mg/m ³)	246 mg/m ³
Ireland	OEL (15 min ref) (ppm)	50 ppm
Ireland	Notes (IE)	Sk , IOELV
Italy	Local name	Butossietanolo-2
Italy	OEL TWA (mg/m ³)	98 mg/m ³
Italy	OEL TWA (ppm)	20 ppm
Italy	OEL STEL (mg/m ³)	246 mg/m ³
Italy	OEL STEL (ppm)	50 ppm
Lithuania	Local name	Etilenglikolio monobutyleteris (butilglikolis, 2-butoksietanolis)
Lithuania	IPRV (mg/m ³)	50 mg/m ³
Lithuania	IPRV (ppm)	10 ppm
Lithuania	TPRV (mg/m ³)	100 mg/m ³
Lithuania	TPRV (ppm)	20 ppm
Lithuania	Remark (LT)	O
Luxembourg	Local name	2-Butoxyéthanol
Luxembourg	OEL TWA (mg/m ³)	98 mg/m ³
Luxembourg	OEL TWA (ppm)	20 ppm
Luxembourg	OEL STEL (mg/m ³)	246 mg/m ³
Luxembourg	OEL STEL (ppm)	50 ppm
Malta	Local name	2-Butoxyethanol
Malta	OEL TWA (mg/m ³)	98 mg/m ³
Malta	OEL TWA (ppm)	20 ppm
Malta	OEL STEL (mg/m ³)	246 mg/m ³
Malta	OEL STEL (ppm)	50 ppm
Netherlands	Local name	2-Butoxyethanol
Netherlands	Grenswaarde TGG 8H (mg/m ³)	100 mg/m ³
Netherlands	Grenswaarde TGG 15MIN (mg/m ³)	246 mg/m ³
Netherlands	Remark (MAC)	H
Poland	Local name	2-Butoksyetanol (butoksyetylowy alkohol)

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2-butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)		
Poland	NDS (mg/m ³)	98 mg/m ³
Poland	NDSch (mg/m ³)	200 mg/m ³
Portugal	Local name	2-Butoxietanol (EGBE)
Portugal	OEL TWA (ppm)	20 ppm
Slovenia	Local name	2-butoksietanol (butilglikol)
Slovenia	OEL TWA (mg/m ³)	98 mg/m ³
Slovenia	OEL TWA (ppm)	20 ppm
Slovenia	OEL STEL (mg/m ³)	245 mg/m ³
Slovenia	OEL STEL (ppm)	50 ppm
Sweden	Local name	Ethylene glycol monobutyl ether
Sweden	nivågränsvärde (NVG) (mg/m ³)	50 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	10 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	100 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	20 ppm
United Kingdom	Local name	2-Butoxyethanol
United Kingdom	WEL TWA (mg/m ³)	123 mg/m ³
United Kingdom	WEL TWA (ppm)	25 ppm
United Kingdom	WEL STEL (mg/m ³)	246 mg/m ³
United Kingdom	WEL STEL (ppm)	50 ppm
United Kingdom	Remark (WEL)	Sk, BMGV
Norway	Local name	2-Butoksyetanol
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	50 mg/m ³
Norway	Gjennomsnittsverdier (AN) (ppm)	10 ppm
Norway	Merknader (NO)	H
Switzerland	Local name	2-Butoxyéthanol
Switzerland	VME (mg/m ³)	49 mg/m ³
Switzerland	VME (ppm)	10 ppm
Switzerland	VLE (mg/m ³)	98 mg/m ³
Switzerland	VLE (ppm)	20 ppm
Switzerland	Remark (CH)	4x15
Australia	Local name	2-Butoxyethanol
Australia	TWA (mg/m ³)	96,9 mg/m ³
Australia	TWA (ppm)	20 ppm
Australia	STEL (mg/m ³)	242 mg/m ³
Australia	STEL (ppm)	50 ppm
USA - ACGIH	Local name	2-Butoxyethanol (EGBE)
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - ACGIH	Remark (ACGIH)	Eye & URT irr
USA - OSHA	Local name	2-Butoxyethanol
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	240 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	50 ppm

8.2. Exposure controls

Appropriate engineering controls	: Large quantities: Contain large spillage with sand or earth.
Personal protective equipment	: Not required for normal conditions of use.
Hand protection	: Not required for normal conditions of use
Eye protection	: Eye protection should only be necessary where liquid could be splashed or sprayed
Skin and body protection	: No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid repeated or prolonged skin contact
Environmental exposure controls	: See Heading 12. See Heading 6.

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Other information : Do not put the product-soaked rags into the pockets of working clothes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use. Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : liquid
Appearance : liquid.
Colour : Brown.
Odour : characteristic.
Odour threshold : no data available
pH : 6 - 8
Relative evaporation rate (butylacetate=1) : < 0,1
Melting point : 0 °C.
Freezing point : no data available
Boiling point : > 200 °C.
Flash point : 148 °C.
Auto-ignition temperature : > 200 °C.
Decomposition temperature : no data available
Flammability (solid, gas) : no data available
Vapour Pressure 20°C : < 0,1 hPa
Relative vapour density at 20 °C : > 1 (air=1)
Relative density : no data available
Density : 0,91 kg/l
Solubility : Emulsifies with water.
Log Pow : < 3
Viscosity, kinematic : 92 cSt
Viscosity, dynamic : no data available
Explosive properties : no data available
Oxidising properties : no data available
Explosive limits : no data available

9.2. Other information

Other properties : Gas/vapour heavier than air at 20°C.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Moisture. Overheating.

10.5. Incompatible materials

Strong oxidizing agents. strong acids.

10.6. Hazardous decomposition products

CO, CO2.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation : Causes skin irritation.
pH: 6 - 8
Serious eye damage/irritation : Causes serious eye irritation.
pH: 6 - 8
Respiratory or skin sensitisation : Not classified

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

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Viscosity, kinematic	92 mm ² /s
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Other information : Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products. Likely route of exposure: ingestion, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

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Log Pow	< 3
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Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.
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12.4. Mobility in soil

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Ecology - soil	Spillages may penetrate the soil causing ground water contamination. This product floats on water and may affect the oxygen-balance in the water.
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Do not discharge into drains or the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

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IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (UN) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

14.6.2. Transport by sea

14.6.3. Air transport

14.6.4. Inland waterway transport

Not subject to ADN : No

14.6.5. Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Bar's Leaks Original is not on the REACH Candidate List

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

Water hazard class (WGK) : 3 - severe hazard to waters

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

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H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H412	Harmful to aquatic life with long lasting effects
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R36	Irritating to eyes
R36/37/38	Irritating to eyes, respiratory system and skin
R36/38	Irritating to eyes and skin
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product