

Octowet 75 X (E)

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

1.1 Product identifier

Trade name

Octowet 75 X (E)

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

Relevant identified uses of the substance or mixture

Industrial raw material
Surfactant

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Tiarco Chemical Europe GmbH
Am Gut Baarking 12
46395 Bocholt

Telephone no. +49 2871 23476-0
Fax no. +49 2871 23476-44
e-mail europeansales@trcc.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Dam. 1; H318
Flam. Liq. 3; H226
Skin Irrit. 2; H315

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

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

Hazard pictograms



GHS02



GHS05

Signal word

Danger

Hazardous component(s) to be indicated on label:

Docusate-sodium

Hazard statement(s)

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statement(s)

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P210	Keep away from hot surfaces and open flames. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/ equipment.
P264	Wash skin thoroughly after handling.
P280	Wear protective gloves/eye protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
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/doctor.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use sand, fire powder, carbon dioxide or foam to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance national regulations.

Supplemental label elements

Regulation (EC) No 648/2004 on detergents (Annex VII): anionic surfactants > 30 %

2.3 Other hazards

This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

PBT assessment

The product is not considered to be a PBT.

vPvB assessment

The product is not considered to be a vPvB.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	Docosate-sodium		
	577-11-7 209-406-4 - 01-2119491296-29	Eye Dam. 1; H318 Skin Irrit. 2; H315	>= 50.00 wt%
2	ethanol		
	64-17-5 200-578-6 603-002-00-5 01-2119497610-43	Flam. Liq. 2; H225 Eye Irrit. 2; H319	5.00 - 10.00 wt%
3	propan-2-ol		
	67-63-0 200-661-7 603-117-00-0 01-2119457558-25	Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336	0.10 - 1.00 wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	-	Eye Irrit. 2; H319: C >= 50%	-	-

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

Change contaminated, saturated clothing. If the patient is likely to become unconscious, place and transport in stable sideways position.

After inhalation



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Remove affected person from the immediate area. Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

After skin contact

Wash off with soap and water. Don't use solvents. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Rinse the mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

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

Alcohol-resistant foam; Carbon dioxide; Sand; Extinguishing powder; Compatible with all usual extinguishing media.

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

HIGHLY FLAMMABLE! Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back. In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); Sulphur oxides (SxO_y); Sodium oxide

5.3 Advice for firefighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Wear full protective suit. Fire residues and contaminated firefighting 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

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Keep away from ignition sources. High risk of slipping due to leakage/spillage of product.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Pump off large amounts. Pick up with absorbent material (e.g. kieselguhr). When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

No special measures necessary if stored and handled as prescribed. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Avoid product contact with skin, eyes and clothing; Remove contaminated clothing. Do not inhale gases/vapours/aerosols. Provide eye wash fountain in work area. Have emergency shower available.

**Octowet 75 X (E)****Advice on protection against fire and explosion**

Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading (earthing necessary during loading operations). Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed in a cool, well-ventilated place. Protect from direct sunlight. Keep from freezing.

Recommended storage temperature

Value < 50 °C

Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep only in the original container.

Appropriate Material plastic

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limit values**

No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
List of approved workplace exposure limits (WELs) / EH40			
Ethanol			
	WEL long-term (8-hr TWA reference period)	1920 mg/m ³	1000 ppm
2	propan-2-ol	67-63-0	200-661-7
List of approved workplace exposure limits (WELs) / EH40			
Propan-2-ol			
	WEL short-term (15 min reference period)	1250 mg/m ³	500 ppm
	WEL long-term (8-hr TWA reference period)	999 mg/m ³	400 ppm

DNEL, DMEL and PNEC values**DNEL values (worker)**

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value
1	Docusate-sodium			577-11-7 209-406-4
	dermal	Long term (chronic)	systemic	267.86 mg/kg/day
	inhalative	Long term (chronic)	systemic	1889.1 mg/m ³
2	ethanol			64-17-5 200-578-6
	dermal	Long term (chronic)	systemic	343 mg/kg/day
	inhalative	Long term (chronic)	systemic	950 mg/m ³
3	propan-2-ol			67-63-0 200-661-7
	dermal	Long term (chronic)	systemic	888 mg/kg/day
	inhalative	Long term (chronic)	systemic	500 mg/m ³

DNEL value (consumer)

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value
1	Docusate-sodium			577-11-7 209-406-4
	oral	Long term (chronic)	systemic	17.86 mg/kg/day
	dermal	Long term (chronic)	systemic	160.71 mg/kg/day
	inhalative	Long term (chronic)	systemic	599.01 mg/m ³
2	ethanol			64-17-5 200-578-6
	oral	Long term (chronic)	systemic	87 mg/kg/day

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	dermal	Long term (chronic)	systemic	206	mg/kg/day
	inhalative	Long term (chronic)	systemic	114	mg/m ³
3	propan-2-ol			67-63-0 200-661-7	
	oral	Long term (chronic)	systemic	26	mg/kg/day
	dermal	Long term (chronic)	systemic	319	mg/kg/day
	inhalative	Long term (chronic)	systemic	89	mg/m ³

PNEC values

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	Docusate-sodium		577-11-7 209-406-4
	water	fresh water	0.18 mg/L
	water	marine water	0.018 mg/L
	water	fresh water sediment	17.789 mg/kg dry weight
	water	marine water sediment	1.779 mg/kg dry weight
	soil	-	1.04 mg/kg dry weight
	sewage treatment plant	-	12.2 mg/L
2	ethanol		64-17-5 200-578-6
	water	fresh water	0.96 mg/L
	water	Aqua intermittent	2.75 mg/L
	water	marine water	0.79 mg/L
	water	fresh water sediment	3.6 mg/kg dry weight
	water	marine water sediment	2.9 mg/L
	soil	-	0.63 mg/kg dry weight
	sewage treatment plant	-	580 mg/L
	secondary poisoning	-	0.38 mg/kg food
3	propan-2-ol		67-63-0 200-661-7
	water	fresh water	140.9 mg/L
	water	Aqua intermittent	140.9 mg/L
	water	marine water	140.9 mg/L
	water	fresh water sediment	552 mg/L
	water	marine water sediment	552 mg/L
	soil	-	28 mg/kg
	sewage treatment plant	-	2251 mg/L
	secondary poisoning	-	160 mg/kg
	with reference to: food		

8.2 Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. This should be achieved by the use of local exhaust ventilation and good general extraction.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol, vapour and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

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Appropriate Material nitrile rubber
 Material thickness 0.38 mm

Other

Normal chemical work clothing.

Environmental exposure controls

Avoid release into sewage and environment.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

State of aggregation	
liquid	
Form	
Liquid	
Colour	
colourless	
Odour	
characteristic	
pH value	
Value	5 - 8
Source	supplier
Boiling point / boiling range	
Value	appr. 85 °C
Source	supplier
Melting point/freezing point	
No data available	
Decomposition temperature	
No data available	
Flash point	
Value	>= 30 °C
Source	supplier
Ignition temperature	
No data available	
Oxidising properties	
Not applicable	
Explosive properties	
May form explosive gas-air mixtures.	
Flammability	
No data available	
Lower explosion limit	
No data available	
Upper explosion limit	
No data available	
Vapour pressure	
No data available	
Relative vapour density	
No data available	
Relative density	
No data available	
Density	
Value	1.06 kg/l
Reference temperature	20 °C
Source	supplier

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Solubility in water	
Source	supplier
Comments	soluble

Solubility
No data available

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	Docusate-sodium	577-11-7	209-406-4
log Pow		1.998	
Reference temperature		20 °C	
with reference to		pH = 5	
Method		calculated	
Source		ECHA	
2	ethanol	64-17-5	200-578-6
log Pow		-0.35	
Reference temperature		24 °C	
with reference to		pH 7,4	
Method		OECD 107	
Source		ECHA	
3	propan-2-ol	67-63-0	200-661-7
log Pow		0.05	
Reference temperature		25 °C	
Source		ECHA	

Kinematic viscosity			
Value	appr.	250	mPa*s
Reference temperature		20	°C
Type	dynamic		
Method	Brookfield Visc. RVT Sp. 1 / 20 r.p.m.		
Source	supplier		
Value	appr.	236	mm ² /s
Source	supplier		

Particle characteristics
No data available

9.2 Other information

Other information
No data available.

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

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Stable under recommended storage and handling conditions (See section 7). Reacts violently with water. Strong exothermic reactions with acids; Vapours may form an explosive mixture with air.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources. Reactions with water. Reactions with acids.

10.5 Incompatible materials

strong acids; Water

10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity			
No	Substance name	CAS no.	EC no.

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1	Docosate-sodium	577-11-7	209-406-4
LD50	>	2100	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	ethanol	64-17-5	200-578-6
LD50		10470	mg/kg bodyweight
Species	rat		
with reference to	95% ethanol in water		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	propan-2-ol	67-63-0	200-661-7
LD50		5840	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Acute dermal toxicity

No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
LD50	>	10000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Acute inhalational toxicity

No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
LC50		124.7	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	propan-2-ol	67-63-0	200-661-7
LC50	>	10000	ppmV
Duration of exposure		6	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Skin corrosion/irritation

No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
2	ethanol	64-17-5	200-578-6
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	propan-2-ol	67-63-0	200-661-7
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		

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Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		Irreversible effects on the eye	
Evaluation/classification		Based on available data, the classification criteria are met.	
2	ethanol	64-17-5	200-578-6
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		irritant	
Evaluation/classification		Based on available data, the classification criteria are met.	
3	propan-2-ol	67-63-0	200-661-7
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		irritant	
Evaluation/classification		Based on available data, the classification criteria are met.	

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
Route of exposure		Skin	
Species		Human	
Method		Draize Test	
Source		ECHA	
Evaluation		non-sensitizing	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	ethanol	64-17-5	200-578-6
Route of exposure		respiratory tract	
Source		ECHA	
Evaluation		non-sensitizing	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		Skin	
Species		mouse	
Source		ECHA	
Evaluation		non-sensitizing	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	propan-2-ol	67-63-0	200-661-7
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		non-sensitizing	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
Type of examination		in vitro gene mutation study in bacteria	
Species		S. typhimurium TA 1535, TA 1537, TA 98 and TA 100S. typhimurium TA 1535, TA 1537, TA 98, TA 100, TA 102	
Method		OECD 471	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		oral	
Type of examination		In vivo mammalian somatic cell study: cytogenicity / erythrocyte micronucleus	
Species		rat	
Method		OECD 474	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	ethanol	64-17-5	200-578-6
Type of examination		in vitro gene mutation study in bacteria	
Species		Salmonella typhimurium	

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Method	OECD 471
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Type of examination	in vitro gene mutation study in mammalian cells
Species	mouse lymphoma cells
Method	OECD 476
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Type of examination	Genotoxicity in vivo
Species	mouse
Method	OECD 478
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
3	propan-2-ol 67-63-0 200-661-7
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
Route of exposure	oral		
Type of examination	three-generation reproductive toxicity		
Species	rat		
Method	OECD 416		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Route of exposure	oral		
NOAEL	1074	mg/kg bw/d	
Type of examination	Prenatal Developmental Toxicity Study		
Species	rat		
Method	OECD 414		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	ethanol	64-17-5	200-578-6
Route of exposure	oral		
NOAEL			
Type of examination	2 generation study		
Species	mouse		
Method	OECD 416		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Route of exposure	inhalational		
NOAEL	>=	20000	ppm
Type of examination	Prenatal Developmental Toxicity Study		
Species	rat		
Method	OECD 414		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

STOT - single exposure			
No data available			

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
Route of exposure	oral		
NOAEL	>	1000	mg/kg bw/d
Species	rat		
Method	OECD 408		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	ethanol	64-17-5	200-578-6

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Route of exposure	oral		
Duration of exposure	14	week/s	
Species	rat		
Target organ	kidneys		
Method	OECD 408		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	propan-2-ol	67-63-0	200-661-7
Route of exposure	inhalational		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Aspiration hazard			
No data available			

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	Docusate-sodium	577-11-7	209-406-4
LC50		49	mg/l
Duration of exposure		96	h
Species	Danio rerio		
Method	EU C.1		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	ethanol	64-17-5	200-578-6
LC50		14200	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	EPA		
Source	ECHA		
3	propan-2-ol	67-63-0	200-661-7
LC50		9640	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	OECD 203		
Source	ECHA		
Toxicity to fish (chronic)			
No data available			
Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	Docusate-sodium	577-11-7	209-406-4
EC50		6.6	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	EU C.2		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	ethanol	64-17-5	200-578-6
EC50		5012	mg/l
Duration of exposure		48	h
Species	Ceriodaphnia dubia		
Method	ASTM Standard E 729-80		
Source	ECHA		
3	propan-2-ol	67-63-0	200-661-7
EC50		>	10000 mg/l

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Duration of exposure	24	h
Species	Daphnia magna	
Method	OECD 202	
Source	ECHA	

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
EC10		9	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	ethanol	64-17-5	200-578-6
NOEC		9.6	mg/l
Duration of exposure		9	day(s)
Species	Daphnia magna		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
EC50		82.5	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	EU C.3		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	ethanol	64-17-5	200-578-6
EC50		275	mg/l
Duration of exposure		72	h
Species	Chlorella vulgaris		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)		
No data available		

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
EC50		164	mg/l
Duration of exposure		16.5	h
Species	Pseudomonas putida		
Method	DIN 38412 T.8		
Source	ECHA		

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	Docosate-sodium	577-11-7	209-406-4
Type	aerobic biodegradation		
Value		91.2	%
Duration		28	day(s)
Method	OECD 310		
Source	ECHA		
Evaluation	readily biodegradable		
2	ethanol	64-17-5	200-578-6
Type	aerobic biodegradation		
Value	appr.	84	%
Duration		20	day(s)
Source	ECHA		
Evaluation	readily biodegradable		
3	propan-2-ol	67-63-0	200-661-7
Type	BOD/COD		
Value		53	%

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Duration	5	day(s)
Source	ECHA	
Evaluation	readily biodegradable	

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	Docusate-sodium	577-11-7	209-406-4
log Pow		1.998	
Reference temperature		20	°C
with reference to		pH = 5	
Method		calculated	
Source		ECHA	
2	ethanol	64-17-5	200-578-6
log Pow		-0.35	
Reference temperature		24	°C
with reference to		pH 7,4	
Method		OECD 107	
Source		ECHA	
3	propan-2-ol	67-63-0	200-661-7
log Pow		0.05	
Reference temperature		25	°C
Source		ECHA	

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	The product is not considered to be a PBT.
vPvB assessment	The product is not considered to be a vPvB.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

dispose of in accordance with local regulation.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

Class	3
Classification code	F1
Packing group	III
Hazard identification no.	30
UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Technical name	ethanol
	propan-2-ol
Tunnel restriction code	D/E
Label	3

**Octowet 75 X (E)****14.2 Transport IMDG**

Class	3
Packing group	III
UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Technical name	ethanol
	propan-2-ol
EmS	F-E, S-E
Label	3

14.3 Transport ICAO-TI / IATA

Class	3
Packing group	III
UN number	UN1993
Proper shipping name	Flammable liquid, n.o.s.
Technical name	ethanol
	propan-2-ol
Label	3

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

To be transported always in closed, upright and safe containers. Make sure that persons handling these containers are aware of the rules of conduct in case of incident or spillage.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3, 40
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The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	propan-2-ol	67-63-0	200-661-7	75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category:	P5c
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15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.



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The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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