

SwiftClean**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name : SwiftClean
Registration number REACH : Not applicable (mixture)
Product type REACH : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1 Relevant identified uses**

Detergent according to Regulation (EC) No 648/2004

1.2.2 Uses advised against

No uses advised against known

1.3. Details of the supplier of the safety data sheet**Supplier of the safety data sheet**

PVG LIQUIDS NV
Belgicastraat 1C - Haven 2290
B-9042 Gent
☎ +32 9 250 90 80
liquid600@pvg.eu

1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch) :
+32 14 58 45 45 (BIG)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

2.2. Label elements

Not classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

2.3. Other hazards

No other hazards known

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

Not applicable

3.2. Mixtures

Name REACH Registration No	CAS No EC No List No	Conc. (C)	Classification according to CLP	Note	Remark	M-factors and ATE
sulfonic acids, C14-16 (even numbered) alkane hydroxy and C14-16 (even numbered)alkene, sodium salts	68439-57-6 931-534-0	C≤2%	Eye Dam. 1; H318 Skin Irrit. 2; H315	(1)	Constituent	
2-bromo-2-nitropropane-1,3-diol	52-51-7 200-143-0	C≤0.03%	Acute Tox. 3; H331 Acute Tox. 3; H301 Acute Tox. 4; H312 Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	(1)(6)(10)	Constituent	M: 10 (Acute, ECHA (registration dossier))

(1) For H- and EUH-statements in full: see section 16

(6) Enumerated in Annex VI of Regulation (EC) No. 1272/2008 but the classification has been adapted after evaluation of available test data

(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

Note: numbers 9xx-xxx-x are provisional list numbers assigned by Echa pending an official EC inventory number

SwiftClean

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

If you feel unwell, consult a doctor/medical service.

After inhalation:

Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

After skin contact:

If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water.

After eye contact:

Rinse immediately with (lukewarm) water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor/medical service.

After ingestion:

Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

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

4.2.1 Acute symptoms

After inhalation:

No effects known.

After skin contact:

No effects known.

After eye contact:

No effects known.

After ingestion:

No effects known.

4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.1.1 Suitable extinguishing media:

Small fire: Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher, Quick-acting class B foam extinguisher, Quick-acting CO2 extinguisher.

Major fire: Class B foam (alcohol-resistant), Water spray if puddle cannot expand.

5.1.2 Unsuitable extinguishing media:

Small fire: Water (quick-acting extinguisher, reel); risk of puddle expansion.

Major fire: Water; risk of puddle expansion.

5.2. Special hazards arising from the substance or mixture

Upon combustion: formation of CO, CO2 and small quantities of sulphur oxides.

5.3. Advice for firefighters

5.3.1 Instructions:

No specific fire-fighting instructions required.

5.3.2 Special protective equipment for fire-fighters:

Gloves (EN 374). Protective clothing (EN 14605 or EN 13034). Heat/fire exposure: self-contained breathing apparatus (EN 136 + EN 137).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No naked flames. Exposure to fire/heat: keep upwind. Exposure to fire/heat: have neighbourhood close doors and windows.

6.1.1 Protective equipment for non-emergency personnel

See section 8.2

6.1.2 Protective equipment for emergency responders

Gloves (EN 374). Protective clothing (EN 14605 or EN 13034).

Suitable protective clothing

See section 8.2

6.2. Environmental precautions

Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply.

6.3. Methods and material for containment and cleaning up

Take up liquid spill into inert absorbent material. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

6.4. Reference to other sections

See section 13.

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SwiftClean

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1. Precautions for safe handling

Keep away from naked flames/heat. In finely divided state: use spark-/explosionproof appliances. Finely divided: keep away from ignition sources/sparks. Observe normal hygiene standards. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Meet the legal requirements. Keep container in a well-ventilated place. Protect against frost. Keep out of direct sunlight.

7.2.2 Keep away from:

Heat sources.

7.2.3 Suitable packaging material:

No data available

7.2.4 Non suitable packaging material:

No data available

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

Germany

2-Brom-2-nitropropan-1,3-diol	Verwendungsverbot als Kühlschmierstoffkomponente und Korrosionsschutzmittelkomponente. Vgl. Abschn. Iib
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b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

If applicable and available it will be listed below.

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 Threshold values

DNEL/DMEL - Workers

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	152.22 mg/m ³	
	Long-term systemic effects dermal	2158.33 mg/kg bw/day	

2-bromo-2-nitropropane-1,3-diol

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	3.5 mg/m ³	
	Acute systemic effects inhalation	10.5 mg/m ³	
	Long-term local effects inhalation	2.5 mg/m ³	
	Acute local effects inhalation	2.5 mg/m ³	
	Long-term systemic effects dermal	2 mg/kg bw/day	
	Acute systemic effects dermal	6 mg/kg bw/day	
	Long-term local effects dermal	8 µg/cm ²	
	Acute local effects dermal	8 µg/cm ²	

DNEL/DMEL - General population

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	45.04 mg/m ³	
	Long-term systemic effects dermal	1295 mg/kg bw/day	
	Long-term systemic effects oral	12.95 mg/m ³	

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2-bromo-2-nitropropane-1,3-diol

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	0.6 mg/m ³	
	Acute systemic effects inhalation	1.8 mg/m ³	
	Long-term local effects inhalation	0.6 mg/m ³	
	Acute local effects inhalation	0.6 mg/m ³	
	Long-term systemic effects dermal	0.7 mg/kg bw/day	
	Long-term local effects dermal	2.1 mg/kg bw/day	
	Acute systemic effects dermal	4 µg/cm ²	
	Acute local effects dermal	4 µg/cm ²	
	Long-term systemic effects oral	0.18 mg/kg bw/day	
	Acute systemic effects oral	0.5 mg/kg bw/day	

PNEC

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Compartments	Value	Remark
Fresh water	0.024 mg/l	
Marine water	0.002 mg/l	
Fresh water (intermittent releases)	0.02 mg/l	
STP	4 mg/l	
Fresh water sediment	0.767 mg/kg sediment dw	
Marine water sediment	0.077 mg/kg sediment dw	
Soil	1.21 mg/kg soil dw	

8.1.5 Control banding

If applicable and available it will be listed below.

8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. In finely divided state: use spark-/explosionproof appliances. Finely divided: keep away from ignition sources/sparks. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Do not eat, drink or smoke during work.

a) Respiratory protection:

Respiratory protection not required in normal conditions.

b) Hand protection:

Protective gloves against chemicals (EN 374).

Materials	Measured breakthrough time	Thickness	Protection index	Remark
nitrile rubber	> 480 minutes	0.35 mm	Class 6	

c) Eye protection:

Eye protection not required in normal conditions.

d) Skin protection:

Protective clothing (EN 14605 or EN 13034).

8.2.3 Environmental exposure controls:

See sections 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Liquid
Colour	Colourless
Odour	Characteristic odour
Odour threshold	No data available in the literature
Melting point	0 °C
Boiling point	100 °C - 229 °C
Flammability	Not classified as flammable
Explosion limits	0.6 - 20.4 vol %
Flash point	No data available in the literature
Auto-ignition temperature	189 °C
Decomposition temperature	No data available in the literature
pH	10 ; 100 % 8.6 ; 1 %
Kinematic viscosity	1 mm ² /s ; 40 °C
Dynamic viscosity	No data available in the literature
Solubility	Water ; complete
Log Kow	Not applicable (mixture)
Vapour pressure	23 hPa ; 20 °C
Absolute density	1020 kg/m ³ ; 20 °C

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Relative density	1.02 ; 20 °C
Relative vapour density	No data available in the literature
Particle size	Not applicable (liquid)

9.2. Other information

Evaporation rate	0.3 ; Butyl acetate
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SECTION 10: Stability and reactivity

10.1. Reactivity

Heating increases the fire hazard.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Precautionary measures

Keep away from naked flames/heat. In finely divided state: use spark-/explosionproof appliances. Finely divided: keep away from ignition sources/sparks.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Upon combustion: formation of CO, CO₂ and small quantities of sulphur oxides.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

11.1.1 Test results

Acute toxicity

SwiftClean

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	ATE		> 2000 mg/kg bw			Calculated value	
Dermal	ATE		> 2000 mg/kg bw			Calculated value	

Judgement is based on the relevant ingredients
sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	OECD 401	2079 mg/kg bw		Rat (male / female)	Experimental value	
Dermal	LD50	Equivalent to OECD 402	> 6000 mg/kg bw	24 h	Rabbit	Experimental value	
Inhalation (aerosol)	LC50	Equivalent to OECD 403	> 52 mg/l	4 h	Rat	Experimental value	

2-bromo-2-nitropropane-1,3-diol

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	OECD 401	193 mg/kg bw - 211 mg/kg bw		Rat (male / female)	Experimental value	
Dermal	LD50		1600 mg/kg bw		Rat (male)	Experimental value	
Inhalation (dust)	LC50	OECD 403	0.12 mg/l - 1.14 mg/l		Rat (male / female)	Experimental value	

Conclusion

Not classified for acute toxicity

Corrosion/irritation

SwiftClean

No (test)data on the mixture available

Judgement is based on the relevant ingredients

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SwiftClean

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Serious eye damage	OECD 405		24; 48; 72 hours	Rabbit	Experimental value	Single treatment with rinsing
Skin	Irritating	OECD 404	4 h	24; 48; 72 hours	Rabbit	Experimental value	

2-bromo-2-nitropropane-1,3-diol

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Serious eye damage; category 1					Annex VI	
Skin	Irritating; category 2					Annex VI	
Inhalation (dust)	Irritating; STOT SE cat.3					Annex VI	

Conclusion

Not classified as irritating to the respiratory system

Not classified as irritating to the skin

Not classified as irritating to the eyes

Respiratory or skin sensitisation

SwiftClean

No (test)data on the mixture available

Judgement is based on the relevant ingredients

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Not sensitizing	Equivalent to OECD 406			Guinea pig (female)	Experimental value	

Conclusion

Not classified as sensitizing for inhalation

Not classified as sensitizing for skin

Specific target organ toxicity

SwiftClean

No (test)data on the mixture available

Judgement is based on the relevant ingredients

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Route of exposure	Parameter	Method	Value	Organ/Effect	Exposure time	Species	Value determination	Remark
Oral (diet)	NOAEL		≥ 195 mg/kg bw/day	No effect	104 week(s)	Rat (male / female)	Experimental value	

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

SwiftClean

No (test)data on the mixture available

Judgement is based on the relevant ingredients

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Result	Method	Test substrate	Effect	Value determination	Remark
Negative with metabolic activation, negative without metabolic activation	OECD 471	Bacteria (S. typhimurium and E. coli)		Experimental value	
Negative with metabolic activation, negative without metabolic activation	OECD 473	Chinese hamster lung fibroblasts (V79)		Experimental value	

Mutagenicity (in vivo)

SwiftClean

No (test)data on the mixture available

Judgement is based on the relevant ingredients

Conclusion

Not classified for mutagenic or genotoxic toxicity

Publication date: 2024-03-06

SwiftClean

Carcinogenicity

SwiftClean

No (test) data on the mixture available

Judgement is based on the relevant ingredients

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Route of exposure	Parameter	Method	Value	Organ/Effect	Exposure time	Species	Value determination	Remark
Oral (diet)	NOAEL	Carcinogenic toxicity study	≥ 195 mg/kg bw/day	No carcinogenic effect	104 week(s)	Rat (male / female)	Experimental value	

Conclusion

Not classified for carcinogenicity

Reproductive toxicity

SwiftClean

No (test) data on the mixture available

Judgement is based on the relevant ingredients

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Category	Parameter	Method	Value	Exposure time	Species	Effect	Value determination	Remark
Developmental toxicity (Oral (stomach tube))	NOAEL	Equivalent to OECD 414	2 mg/kg bw/day	13 days (gestation, daily)	Rabbit	No effect	Experimental value	
Maternal toxicity (Oral (stomach tube))	NOAEL	Equivalent to OECD 414	2 mg/kg bw/day	13 days (gestation, daily)	Rabbit	No effect	Experimental value	

Conclusion

Not classified for reprotoxic or developmental toxicity

Aspiration hazard

SwiftClean

Judgement is based on the relevant ingredients

Not classified for aspiration toxicity

Toxicity other effects

SwiftClean

No (test) data on the mixture available

Chronic effects from short and long-term exposure

SwiftClean

No effects known.

11.2. Information on other hazards

No evidence of endocrine disrupting properties

SECTION 12: Ecological information

12.1. Toxicity

SwiftClean

No (test) data on the mixture available

Judgement of the mixture is based on the relevant ingredients

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	Equivalent to OECD 203	4.2 mg/l	96 h	Danio rerio	Static system	Fresh water	Experimental value; Nominal concentration
Acute toxicity crustacea	EC50	Equivalent to OECD 202	4.5 mg/l	48 h	Ceriodaphnia sp.	Static system	Fresh water	Experimental value; Locomotor effect
Toxicity algae and other aquatic plants	ErC50	ISO 10253	5.2 mg/l	72 h	Skeletonema costatum	Static system	Salt water	Experimental value; Nominal concentration
	NOEC	ISO 10253	3.9 mg/l	72 h	Skeletonema costatum	Static system	Salt water	Experimental value; Growth rate
Long-term toxicity aquatic crustacea	NOEC	OECD 211	6.3 mg/l	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental value; Nominal concentration

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SwiftClean

2-bromo-2-nitropropane-1,3-diol

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	OECD 203	11 mg/l	96 h	Lepomis macrochirus	Flow-through system	Fresh water	Experimental value; Measured concentration
Acute toxicity crustacea	EC50	Equivalent to OECD 202	1.4 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value; GLP
Toxicity algae and other aquatic plants	ErC50	OECD 201	0.026 mg/l	72 h	Desmodesmus subspicatus	Static system	Fresh water	Experimental value; Measured concentration
Long-term toxicity fish	NOEC	OECD 215	2.6 mg/l	28 day(s)	Oncorhynchus mykiss	Flow-through system	Fresh water	Experimental value; Measured concentration
Long-term toxicity aquatic crustacea	NOEC	OECD 211	0.27 mg/l	21 day(s)	Daphnia magna	Flow-through system	Fresh water	Experimental value; GLP

Conclusion

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

12.2. Persistence and degradability

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Biodegradation water

Method	Value	Duration	Value determination
OECD 301B	80 % - 96 %	28 day(s)	Experimental value

2-bromo-2-nitropropane-1,3-diol

Biodegradation water

Method	Value	Duration	Value determination
OECD 301B	20 %	28 day(s)	Experimental value

Conclusion

Water

Contains readily biodegradable component(s)

12.3. Bioaccumulative potential

SwiftClean

Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Log Kow

Method	Remark	Value	Temperature	Value determination
EU Method A.8		-1.3	20 °C	Experimental value

2-bromo-2-nitropropane-1,3-diol

Log Kow

Method	Remark	Value	Temperature	Value determination
OECD 107		0.15	23 °C	Experimental value

Conclusion

Does not contain bioaccumulative component(s)

12.4. Mobility in soil

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

(log) Koc

Parameter	Method	Value	Value determination
log Koc	SRC PCKOCWIN v2.0	0.21	QSAR

2-bromo-2-nitropropane-1,3-diol

(log) Koc

Parameter	Method	Value	Value determination
Koc	EPA N 163-1	136	Experimental value
log Koc		2.1	Calculated value

Conclusion

Contains component(s) with potential for mobility in the soil

12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

12.6. Endocrine disrupting properties

No evidence of endocrine disrupting properties

Publication date: 2024-03-06

SwiftClean

12.7. Other adverse effects

SwiftClean

Greenhouse gases

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts

Groundwater

Groundwater pollutant

2-bromo-2-nitropropane-1,3-diol

Groundwater

Groundwater pollutant

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1. Waste treatment methods

13.1.1 Provisions relating to waste

European Union

Can be considered as non hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

20 01 30 (separately collected fractions (except 15 01): detergents other than those mentioned in 20 01 29). Depending on branch of industry and production process, also other waste codes may be applicable.

13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

13.1.3 Packaging/Container

No data available

SECTION 14: Transport information

Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

14.1. UN number or ID number

Transport	Not subject
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14.2. UN proper shipping name

14.3. Transport hazard class(es)

Hazard identification number	
Class	
Classification code	

14.4. Packing group

Packing group	
Labels	

14.5. Environmental hazards

Environmentally hazardous substance mark	no
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14.6. Special precautions for user

Special provisions	
Limited quantities	

14.7. Maritime transport in bulk according to IMO instruments

Annex II of MARPOL 73/78	Not applicable, based on available data
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SECTION 15: Regulatory information

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

European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
2.0 %	
71 g/l	

Directive 2012/18/EU (Seveso III)

Not subject to registration according to Directive 2012/18/EU (Seveso III)

Ingredients according to Regulation (EC) No 648/2004 and amendments

5-15% non-ionic surfactants, <5% anionic surfactants, <5% enzymes

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

Publication date: 2024-03-06

SwiftClean

	Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
· 2-bromo-2-nitropropane-1,3-diol	<p>Substances falling within one or more of the following points:</p> <p>(a) substances classified as any of the following in Part 3 of Annex VI to Regulation (EC) No 1272/2008:</p> <ul style="list-style-type: none"> — carcinogen category 1A, 1B or 2, or germ cell mutagen category 1A, 1B or 2, but excluding any such substances classified due to effects only following exposure by inhalation — reproductive toxicant category 1A, 1B or 2 but excluding any such substances classified due to effects only following exposure by inhalation — skin sensitiser category 1, 1A or 1B — skin corrosive category 1, 1A, 1B or 1C or skin irritant category 2 — serious eye damage category 1 or eye irritant category 2 <p>(b) substances listed in Annex II to Regulation (EC) No 1223/2009 of the European Parliament and of the Council</p> <p>(c) substances listed in Annex IV to Regulation (EC) No 1223/2009 for which a condition is specified in at least one of the columns g, h and i of the table in that Annex (d) substances listed in Appendix 13 to this Annex.</p> <p>The ancillary requirements in paragraphs 7 and 8 of column 2 of this entry apply to all mixtures for use for tattooing purposes, whether or not they contain a substance falling within points (a) to (d) of this column of this entry.</p>	Mixtures for tattooing purposes are subject to the restrictions of Regulation (EU) 2020/2081

National legislation Belgium

SwiftClean

No data available

National legislation The Netherlands

SwiftClean

Waterbezwaarlijkheid	B (3); Algemene Beoordelingsmethodiek (ABM)
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National legislation France

SwiftClean

No data available

National legislation Germany

SwiftClean

WGK	1; Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017
sulfonic acids, C14-16 (even numbered)alkane hydroxy and C14-16 (even numbered)alkene, sodium salts	
TA-Luft	5.2.1
2-bromo-2-nitropropane-1,3-diol	
TA-Luft	5.2.5/I

National legislation Austria

SwiftClean

No data available

National legislation United Kingdom

SwiftClean

No data available

Other relevant data

SwiftClean

No data available

15.2. Chemical safety assessment

No chemical safety assessment is required for a mixture.

SECTION 16: Other information

Full text of any H- and EUH-statements referred to under section 3:

- H301 Toxic if swallowed.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.

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H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

(*)	INTERNAL CLASSIFICATION BY BIG
ADI	Acceptable daily intake
AOEL	Acceptable operator exposure level
ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
BEI	Biological Exposure Indices
CLP (EU-GHS)	Classification, labelling and packaging (Globally Harmonised System in Europe)
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
EC10	Effect Concentration 10 %
EC50	Effect Concentration 50 %
ErC50	EC50 in terms of reduction of growth rate
GLP	Good Laboratory Practice
LC0	Lethal Concentration 0 %
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
LOAEC/LOAEL	Lowest Observed Adverse Effect Concentration/Lowest Observed Adverse Effect Level
NOAEC/NOAEL	No Observed Adverse Effect Concentration/No Observed Adverse Effect Level
NOEC/NOEL	No Observed Effect Concentration/No Observed Effect Level
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative & Toxic
PNEC	Predicted No Effect Concentration
STP	Sludge Treatment Process
vPvB	very Persistent & very Bioaccumulative

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