

# Safety Data Sheet

According to Regulation (EC) No 1907/2006

## **Divodes FG Wipes VT75**

**Revision:** 2023-07-13 **Version:** 01.3

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

1.1 Product identifier

Trade name: Divodes FG Wipes VT75

UFI: Y4T6-C0U6-R00T-9UDE

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

Product use: Surface disinfectant.

for general surface disinfection For professional use only.

Uses advised against: Uses other than those identified are not recommended.

SWED - Sector-specific worker exposure description :

AISE\_SWED\_PW\_19\_1

1.3 Details of the supplier of the safety data sheet

Diversey Europe Operations BV, Maarssenbroeksedijk 2, 3542DN Utrecht, The Netherlands

#### **Contact details**

Diversey Ltd

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: customerservice.uk@diversey.com

## 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)

For medical or environmental emergency only:

call 0800 052 0185

## **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Flam. Liq. 2 (H225) STOT SE 3 (H336) Eye Dam. 1 (H318)

## 2.2 Label elements



Signal word: Danger.

Contains Propan-1-ol (Propyl Alcohol), Propan-2-ol (Isopropyl Alcohol)

### Hazard statements:

H225 - Highly flammable liquid and vapour.

H318 - Causes serious eye damage.

H336 - May cause drowsiness or dizziness.

#### Precautionary statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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 CENTRE, doctor or physician.

P280 - Wear protective gloves, protective clothing and eye or face protection.

P403 + P235 - Store in a well-ventilated place. Keep cool.

#### 2.3 Other hazards

No other hazards known.

## SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
Propan-1-ol	200-746-9	71-23-8	[6]	Flam. Liq. 2 (H225) STOT SE 3 (H336) Eye Dam. 1 (H318)		50-75
Propan-2-ol	200-661-7	67-63-0	[6]	Flam. Liq. 2 (H225) STOT SE 3 (H336) Eye Irrit. 2 (H319)		10-20

Workplace exposure limit(s), if available, are listed in subsection 8.1.

ATE, if available, are listed in section 11

[6] Exempted: biocidal active. See Article 15(2) of Regulation (EC) No 1907/2006.

For the full text of the H and EUH phrases mentioned in this Section, see Section 16..

## SECTION 4: First aid measures

4.1 Description of first aid measures

Self-protection of first aider:

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE, doctor or

physician if you feel unwell.

Skin contact: Wash skin with plenty of lukewarm, gently flowing water. Take off immediately all contaminated

clothing and wash it before reuse. If skin irritation occurs: Get medical advice or attention.

Eye contact: Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE,

doctor or physician.

Ingestion: Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious

person. Get medical attention or advice if you feel unwell. Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

**Inhalation:** May cause drowsiness or dizziness.

Skin contact:No known effects or symptoms in normal use.Eye contact:Causes severe or permanent damage.Ingestion:No known effects or symptoms in normal use.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

## 5.2 Special hazards arising from the substance or mixture

No special hazards known.

## 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

## SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Turn off all sources of ignition. Ventilate the area. Ensure adequate ventilation. Do not breathe dust or vapour.

## 6.2 Environmental precautions

No special environmental precautions required.

## 6.3 Methods and material for containment and cleaning up

Ensure adequate ventilation.

#### 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

## SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

## Measures to prevent fire and explosions:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools.

## Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

#### Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless adviced by Diversey. Wash hands before breaks and at the end of workday. Store used personal protective equipment separately. Avoid contact with skin and eyes. Do not breathe vapours. Use only outdoors or in a well-ventilated area. See chapter 8.2, Exposure controls / Personal protection.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Store in a well-ventilated place. Store in a closed container. Keep only in original packaging. Keep from freezing. Keep cool. Keep away from heat and direct sunlight. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

Comah - Lower Tier requirements (tonnes): 5000 Comah - Upper Tier requirements (tonnes): 50000

#### 7.3 Specific end use(s)

No specific advice for end use available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters Workplace exposure limits

Air limit values if available:

Ingredient(s)	UK - Long term value(s)	UK - Short term value(s)
Propan-1-ol	200 ppm	250 ppm
	500 mg/m <sup>3</sup>	625 mg/m <sup>3</sup>
Propan-2-ol	400 ppm	500 ppm
	999 mg/m³	1250 mg/m <sup>3</sup>

Biological limit values, if available:

## Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

#### **DNEL/DMEL and PNEC values**

Human exposure

DNEL/DMEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
Propan-1-ol	-	-	-	61
Propan-2-ol	-	-	-	26

DNEL/DMEL dermal exposure - Worker

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
Propan-1-ol	-	-	-	136
Propan-2-ol	-	-	-	888

DNEL/DMEL dermal exposure - Consumer

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
Propan-1-ol	-	-	-	81
Propan-2-ol	-	-	-	319

DNEL/DMEL inhalatory exposure - Worker (mg/m3)

Ingredient(s)		Short term - Systemic	•	Long term - Systemic
	effects	effects	effects	effects
Propan-1-ol	·	1723	-	268
Propan-2-ol	-	-	-	500

DNEL/DMEL inhalatory exposure - Consumer (mg/m3)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
Propan-1-ol	-	1036	-	80
Propan-2-ol	-	-	-	89

#### **Environmental exposure**

Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
Propan-1-ol	6.83	0.683	10	96
Propan-2-ol	140.9	140.9	140.9	2251

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m³)
Propan-1-ol	27.5	2.75	1.49	-
Propan-2-ol	552	552	28	-

#### 8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the <u>undiluted</u> product:

Appropriate engineering controls: No special requirements under normal use conditions.

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

REACH use scenarios considered for the undiluted product:

	SWED - Sector-specific	LCS	PROC	Duration	ERC
	worker exposure			(min)	
	description				
Manual application	AISE SWED PW 19 1	PW	PROC 19	480	ERC8a

Personal protective equipment

Eye / face protection:No special requirements under normal use conditions.Hand protection:No special requirements under normal use conditions.Body protection:No special requirements under normal use conditions.Respiratory protection:No special requirements under normal use conditions.

Environmental exposure controls: Should not reach sewage water or drainage ditch undiluted or unneutralised.

## **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Information in this section refers to the product, unless it is specifically stated that substance data is listed

Method / remark

Physical state: Liquid
Appearance: Wet wipes
Colour: Clear , Colourless
Odour: Product specific

Odour threshold: Not applicable

Initial boiling point and boiling range (°C): > 70

Melting point/freezing point (°C): Not determined Not relevant to classification of this product

initial boiling point and boiling range ( 0).

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
Propan-1-ol	97	Method not given	1013
Propan-2-ol	82	Method not given	1013

Method / remark

Flammability (solid, gas): Not applicable to liquids

Flammability (liquid): Flammable.

Flash point (°C): ≈ 19 °C

Sustained combustion: The product sustains combustion

closed cup

(UN Manual of Tests and Criteria, section 32, L.2)

Lower and upper explosion limit/flammability limit (%): Not determined See substance data

Substance data, flammability or explosive limits, if available:

Ingredient(s)	Lower limit (% vol)	Upper limit (% vol)
Propan-1-ol	2.1	13.7
Propan-2-ol	2	13

Method / remark

Autoignition temperature: Not determined Decomposition temperature: Not applicable.

**pH**: ≈ 9 (neat) ISO 4316

Kinematic viscosity: Not determined

Solubility in / Miscibility with water: Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)	
Propan-1-ol	No data available			
Propan-2-ol	Soluble	Method not given		

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Method / remark

Vapour pressure: Not determined

See substance data

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
Propan-1-ol	2820	Method not given	25
Propan-2-ol	4200	Method not given	20

Method / remark

OECD 109 (EU A.3)

Relative vapour density: No data available.

Not relevant to classification of this product

Particle characteristics: No data available. Not applicable to liquids.

9.2 Other information

9.2.1 Information with regard to physical hazard classes

Explosive properties: Not explosive. Vapours may form explosive mixtures with air.

Oxidising properties: Not oxidising.

Not oxidising, based on substance properties

Corrosion to metals: Not corrosive

Relative density: ≈ 0.86 (20 °C)

9.2.2 Other safety characteristics

No other relevant information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

## 10.2 Chemical stability

Stable under normal storage and use conditions.

## 10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

### 10.4 Conditions to avoid

None known under normal storage and use conditions.

## 10.5 Incompatible materials

None known under normal use conditions.

## 10.6 Hazardous decomposition products

None known under normal storage and use conditions.

## **SECTION 11: Toxicological information**

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

## Mixture data: .

Acute oral toxicity

**LD50 Oral** ≥ 4000 Species Rat Method OECD 423 (EU B.1 tris)

**Acute dermal toxicity LD50 Dermal** ≥ 5000 Method OECD 434 Species Rat

Acute inhalation toxicity Method Draft OECD 433 **LC50 (Vapour)** ≥ 20 Species Rat

## Relevant calculated ATE(s):

ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

# Acute toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE (mg/kg)
Propan-1-ol	LD 50	> 2000	Rat	BASF test		8000
Propan-2-ol	LD 50	5840	Rat	OECD 401 (EU B.1)		5840

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE (mg/kg)
Propan-1-ol	LD 50	4032	Rabbit	Method not given	BASF SDS 2017 -Literature data.	4032
Propan-2-ol	LD 50	> 2000	Rabbit	Method not given		Not established

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Propan-1-ol	LC 50	> 33.8 (vapour) No mortality observed	Rat	OECD 403 (EU B.2)	4
Propan-2-ol	LC 50	> 25 (vapour)	Rat	OECD 403 (EU B.2)	6

Acute inhalative toxicity, continued

Ingredient(s)	ATE - inhalation, dust (mg/l)	ATE - inhalation, mist (mg/l)	ATE - inhalation, vapour (mg/l)	ATE - inhalation, gas (mg/l)
Propan-1-ol	Not established	Not established	Not established	Not established
Propan-2-ol	Not established	Not established	Not established	Not established

## Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
Propan-1-ol	Not irritant	Rabbit	Method not given	
Propan-2-ol	Not irritant	Rabbit	OECD 404 (EU B.4)	

Eve irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
Propan-1-ol	Severe damage	Rabbit	Method not given	
Propan-2-ol	Irritant	Rabbit	OECD 405 (EU B.5)	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
Propan-1-ol	No data available			
Propan-2-ol	No data available			

## Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
Propan-1-ol	Not sensitising	Guinea pig	Weight of evidence	
			OECD 406 (EU B.6) /	
			GPMT	
Propan-2-ol	Not sensitising	Guinea pig	OECD 406 (EU B.6) /	
·			Buehler test	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
Propan-1-ol	No data available			
Propan-2-ol	No data available			

# CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) Mutagenicity

A	4		: -	:
VILI	Tac	ner	uc	:ITV

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
Propan-1-ol	No evidence for mutagenicity	Method not given	No evidence for mutagenicity	Method not given
	No evidence for mutagenicity, negative test results No evidence of genotoxicity, negative test results		No evidence of genotoxicity, negative test results	OECD 474 (EU B.12)

Carcinogenicity

Ingredient(s)	Effect
Propan-1-ol	No evidence for carcinogenicity, weight-of-evidence
Propan-2-ol	No evidence for carcinogenicity, negative test results

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
Propan-1-ol			No data available				
Propan-2-ol			No data available				

Repeated dose toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
Propan-1-ol		No data				
		available				
Propan-2-ol		No data				
		available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
Propan-1-ol		No data available				
Propan-2-ol		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
Propan-1-ol		No data				
		available				
Propan-2-ol		No data				
		available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
Propan-1-ol			No data					
			available					
Propan-2-ol			No data					
·			available					

STOT-single exposure							
	Ingredient(s)	Affected organ(s)					
	Propan-1-ol	No data available					
	Propan-2-ol	Central nervous system					

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
Propan-1-ol	No data available
Propan-2-ol	No data available

#### **Aspiration hazard**

Substances with an aspiration hazard (H304), if any, are listed in section 3.

## Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

## 11.2 Information on other hazards

**11.2.1 Endocrine disrupting properties**Endocrine disrupting properties - Human data, if available:

#### 11.2.2 Other information

No other relevant information available.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

## Aquatic short-term toxicity

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Propan-1-ol	LC 50	4555	Pimephales promelas	Method not given	96
Propan-2-ol	LC 50	> 100	Pimephales promelas	Method not given	48

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Propan-1-ol	EC 50	3644	Daphnia	Weight of evidence DIN	48
			magna Straus	38412, Part 11	
Propan-2-ol	EC 50	> 100	Daphnia	Method not given	48
			magna Straus		

Aquatic short-term toxicity - algae

	Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
ſ	Propan-1-ol	NOEC	1150 (nominal)		Weight of evidence	48
	Propan-2-ol	EC 50	> 100	Scenedesmus quadricauda	Method not given	72

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
Propan-1-ol		No data			
		available			
Propan-2-ol		No data			
		available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
Propan-1-ol	EC 50	> 1000	Activated sludge	Weight of evidence OECD 209	3 hour(s)
Propan-2-ol	EC 50	> 1000	Activated sludge	Method not given	

## **Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
Propan-1-ol		No data available				
Propan-2-ol		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
Propan-1-ol	NOEC	> 100	Daphnia magna	OECD 211, semi-static Read across	21 day(s)	
Propan-2-ol		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
Propan-1-ol		No data				
		available				
Propan-2-ol		No data				
		available				

**Terrestrial toxicity**<u>Terrestrial toxicity - soil invertebrates, including earthworms, if available:</u>

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
Propan-2-ol		No data available				

Terrestrial toxicity - plants, if available:

	Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
Ī	Propan-2-ol		No data available				

Terrestrial toxicity - birds, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
Propan-2-ol		No data available				

Terrestrial toxicity - beneficial insects if available:

Torrootrial toxicity borronolar mocoto, ii available.						
Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
Propan-2-ol		No data				
	1	available	1		1	

Terrestrial toxicity - soil bacteria, if available:

Torroothar toxicity oon bactoria, ii availabio.						
Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
Propan-2-ol		No data available				

## 12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

	Ingredient(s)	Half-life time	Method	Evaluation	Remark
ſ	Propan-2-ol	No data available			

Abiotic degradation - hydrolysis, if available:

Ingredient(s)	Half-life time in fresh water	Method	Evaluation	Remark
Propan-1-ol	No data available		Not hydrolysible	
Propan-2-ol	No data available			

Abiotic degradation - other processes, if available:

Ingredient(s)	Туре	Half-life time	Method	Evaluation	Remark
Propan-2-ol		No data available			

**Biodegradation**Ready biodegradability - aerobic conditions

rteady biodegradability - detable conditions								
Ingredient(s)	Inoculum	Analytical	DT 50	Method	Evaluation			
		method						

Propan-1-ol	Activated sludge, aerobe	Oxygen depletion	100 % in 28 day(s)	OECD 301D	Readily biodegradable
Propan-2-ol			95 % in 21 day(s)	OECD 301E	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Ingredient(s)	Medium & Type	Analytical method	DT 50	Method	Evaluation
Propan-2-ol					No data available

Degradation in relevant environmental compartments, if available:

Ingredient(s)	Medium & Type	Analytical method	DT 50	Method	Evaluation
Propan-2-ol					No data available

#### 12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s) Value		Method	Evaluation	Remark
Propan-1-ol	0.2	Method not given	No bioaccumulation expected	
Propan-2-ol	0.05	OECD 107	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
Propan-1-ol	No data available			No bioaccumulation expected	
Propan-2-ol	No data available				

## 12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
Propan-1-ol	No data available				
Propan-2-ol	No data available				Potential for mobility in soil, soluble in water

#### 12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

## 12.6 Endocrine disrupting properties

Endocrine disrupting properties - Environmental effects, if available:

#### 12.7 Other adverse effects

No other adverse effects known.

## **SECTION 13: Disposal considerations**

13.1 Waste treatment methods

Waste from residues / unused

**European Waste Catalogue:** 

products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging

material is suitable for energy recovery or recycling in line with local legislation. 16 03 05\* - organic wastes containing dangerous substances.

**Empty packaging** 

**Recommendation:** Dispose of observing national or local regulations.

Suitable cleaning agents: Water, if necessary with cleaning agent.

## SECTION 14: Transport information



Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number: 3175

14.2 UN proper shipping name:

Solids containing flammable liquid, n.o.s. (n-propanol, isopropanol)

14.3 Transport hazard class(es):

Transport hazard class (and subsidiary risks): 4.1

14.4 Packing group: II 14.5 Environmental hazards: Environmentally hazardous: No

Marine pollutant: No

14.6 Special precautions for user: None known.

14.7 Maritime transport in bulk according to IMO instruments: The product is not transported in bulk tankers.

### Other relevant information:

**ADR** 

Classification code: F1 Tunnel restriction code: (E) Hazard identification number: 40

**IMO/IMDG** 

EmS: F-A, S-I

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

## **SECTION 15: Regulatory information**

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

- National regulations:
   Regulation (EC) 1907/2006 REACH (UK amended)
- Regulation (EC) 1272/2008 CLP (UK amended)
- Biocidal Products Regulations 2001 (SI 2001/880)
- Delegated Regulation (EU) 2017/2100 and Regulation (EU) 2018/605 (UK amended)
- Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- International Maritime Dangerous Goods (IMDG) Code

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

Comah - classification: P5c - FLAMMABLE LIQUIDS

## 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

## **SECTION 16: Other information**

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

**SDS code:** MS1002083 Version: 01.3 Revision: 2023-07-13

## Reason for revision:

This data sheet contains changes from the previous version in section(s):, 14, 16

## Classification procedure

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

## Abbreviations and acronyms:

- AISE The international Association for Soaps, Detergents and Maintenance Products
- ATE Acute Toxicity Estimate
- DNEL Derived No Effect Limit
- EC50 effective concentration, 50%
- ERC Environmental release categories
  EUH CLP Specific hazard statement
- LC50 Lethal Concentration, 50% / Median Lethal Concentration
- LCS Life cycle stage
   LD50 Lethal Dose, 50% / Median Lethal dose
- NOAEL No observed adverse effect level
- NOEL No observed effect level
- OECD Organisation for Economic Cooperation and Development
- PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration

- PROC Process categories
  REACH number REACH registration number, without supplier specific part
  vPvB very Persistent and very Bioaccumulative
  H225 Highly flammable liquid and vapour.
  H318 Causes serious eye damage.
  H319 Causes serious eye irritation.
  H336 May cause drowsiness or dizziness.

**End of Safety Data Sheet**