According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



# terralin universal wipes

Version Revision Date: 02.10 13.11.2023

200 ST SP

Date of last issue: 26.08.2022

No Change Service!

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

# **1.1 Product identifier**

Trade name Unique Formula Identifier (UFI)		terralin universal wipes D520-U02H-D007-C3DQ	200 ST SP
Relevant identified uses of th	e si	ubstance or mixture and u	ises advised aga

#### 1.2 R ainst Use of the Substance/Mix- : Disinfectants and general biocidal products

ture		
Recommended restrictions on use	:	Reserved for industrial and professional use.

#### 1.3 Details of the supplier of the safety data sheet

Pr	roducer :	Schülke & Mayr GmbH Robert-Koch-Str. 2
		22851 Norderstedt Germany Telephone: +49 (0)40/ 52100-0 Telefax: +49 (0)40/ 52100318 mail@schuelke.com www.schuelke.com
Su	upplier :	Schülke & Mayr UK Ltd. Cygnet House 1, Jenkin Road
		Sheffield S9 1AT United Kingdom Telephone: +44 114 254 35 00 Telefax: +44 114 254 35 01 mail.uk@schulke.com
sp	mail address of person re- : onsible for the DS/Contact person	Application Specialists +49 (0)40/ 521 00 666 AD@schuelke.com
1.4 Eme	ergency telephone number	
Er	mergency telephone num- :	Carechem 24 International:+44 1235 239670

ber

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



# terralin universal wipes

Revision Date: Version 13.11.2023 02.10

200 ST SP No Change Service!

Date of last issue: 26.08.2022

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Flammable liquids, Category 3 Eye irritation, Category 2

H226: Flammable liquid and vapour. H319: Causes serious eye irritation.

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms :	
Signal word :	Warning
Hazard statements :	<ul><li>H226 Flammable liquid and vapour.</li><li>H319 Causes serious eye irritation.</li></ul>
Precautionary statements :	P102 Keep out of reach of children.
	Prevention:
	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	<ul> <li>Response:</li> <li>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P337 + P313 If eye irritation persists: Get medical advice/ attention.</li> </ul>
	<b>Disposal:</b> P501 Dispose of contents/ container to an approved waste disposal plant.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

Chemical nature : Aqueous, alcohol containing solution on non-woven

#### Hazardous components

Z40000026\_01 ZSDB\_P\_GB EN

schülke ->

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

# terralin universal wipes

Version 02.10 Revision Date: 13.11.2023

## No Change Service!

Date of last issue: 26.08.2022

Chemical name	CAS-No. EC-No. Index-No.	Classification	Concentration (% w/w)
propan-2-ol	Registration number 67-63-0 200-661-7	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 10 - < 20
	603-117-00-0 01-2119457558-25- XXXX	STOT SE 3; H336 (Central nervous system)	
ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-43- XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 10 - < 20

200 ST SP

For explanation of abbreviations see section 16.

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

If inhaled	:	Move the victim to fresh air and keep him calm. If symptoms persist, call a physician.
In case of skin contact	:	Wash with water and soap as a precaution. If skin irritation persists, call a physician.
In case of eye contact	:	Rinse thoroughly with plenty of water, also under the eyelids. Obtain medical attention.
If swallowed	:	If accidentally swallowed obtain immediate medical attention.
4.2 Most important symptoms ar	nd ef	fects, both acute and delayed
Symptoms	:	Treat symptomatically.

## Risks : Causes serious eye irritation.

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

Treatment : For specialist advice physicians should contact the Poisons Information Service.

# **SECTION 5: Firefighting measures**

5.1 I	Extinguishing media Suitable extinguishing media :	Dry powder Alcohol-resistant foam
		Carbon dioxide (CO2) Water spray jet
	Unsuitable extinguishing me- : dia	Foam Do NOT use water jet.



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



terralin	universal	wipes

Version Revision Date: 13.11.2023 02.10

200 ST SP No Change Service!

Date of last issue: 26.08.2022

Specific hazards during fire- fighting	:	Cool closed containers exposed to fire with water spray.
Hazardous combustion prod- ucts	:	No hazardous combustion products are known
5.3 Advice for firefighters		
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
SECTION 6: Accidental releas	e n	neasures
6.1 Personal precautions, protec	tive	equipment and emergency procedures
Personal precautions	:	Avoid contact with eyes.
6.2 Environmental precautions		
Environmental precautions	:	No special environmental precautions required.
		Use mechanical handling equipment.
6.4 Reference to other sections see Section 8 + 13 SECTION 7: Handling and sto		
6.4 Reference to other sections see Section 8 + 13	rag	
6.4 Reference to other sections see Section 8 + 13 SECTION 7: Handling and sto	rag	e Wear personal protective equipment.
6.4 Reference to other sections see Section 8 + 13 SECTION 7: Handling and sto 7.1 Precautions for safe handling	rag	e
<ul> <li>6.4 Reference to other sections see Section 8 + 13</li> <li>SECTION 7: Handling and sto</li> <li>7.1 Precautions for safe handling Advice on safe handling Advice on protection against</li> </ul>	rag :	e Wear personal protective equipment. Ensure adequate ventilation.
<ul> <li>6.4 Reference to other sections see Section 8 + 13</li> <li>SECTION 7: Handling and sto</li> <li>7.1 Precautions for safe handling Advice on safe handling</li> <li>Advice on protection against fire and explosion</li> <li>Hygiene measures</li> </ul>	rag : :	e Wear personal protective equipment. Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Keep away from food and drink.
<ul> <li>6.4 Reference to other sections see Section 8 + 13</li> <li>SECTION 7: Handling and sto</li> <li>7.1 Precautions for safe handling Advice on safe handling Advice on protection against fire and explosion Hygiene measures</li> <li>7.2 Conditions for safe storage, i</li> </ul>	rag : : : ncl	e Wear personal protective equipment. Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Keep away from food and drink.
<ul> <li>6.4 Reference to other sections see Section 8 + 13</li> <li>SECTION 7: Handling and sto</li> <li>7.1 Precautions for safe handling Advice on safe handling Advice on protection against fire and explosion Hygiene measures</li> <li>7.2 Conditions for safe storage, i Requirements for storage ar-</li> </ul>	rag : : : ncl	e Wear personal protective equipment. Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Keep away from food and drink. uding any incompatibilities
<ul> <li>6.4 Reference to other sections see Section 8 + 13</li> <li>SECTION 7: Handling and sto</li> <li>7.1 Precautions for safe handling Advice on safe handling Advice on protection against fire and explosion Hygiene measures</li> <li>7.2 Conditions for safe storage, i Requirements for storage areas and containers Further information on stor-</li> </ul>	rag ; ; incli	Wear personal protective equipment. Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Keep away from food and drink. <b>uding any incompatibilities</b> Store at room temperature in the original container. Keep container tightly closed. Keep away from direct sunlight.
<ul> <li>6.4 Reference to other sections see Section 8 + 13</li> <li>SECTION 7: Handling and sto</li> <li>7.1 Precautions for safe handling <ul> <li>Advice on safe handling</li> <li>Advice on protection against fire and explosion</li> <li>Hygiene measures</li> </ul> </li> <li>7.2 Conditions for safe storage, i <ul> <li>Requirements for storage areas and containers</li> <li>Further information on storage conditions</li> </ul> </li> </ul>	rag ; ; incli	e Wear personal protective equipment. Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Keep away from food and drink. uding any incompatibilities Store at room temperature in the original container. Keep container tightly closed. Keep away from direct sunlight. Recommended storage temperature: 15 - 25°C

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

# schülke ->

# terralin universal wipes

Version Revision Date: 02.10 13.11.2023

# 200 ST SP

No Change Service!

Date of last issue: 26.08.2022

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
propan-2-ol	67-63-0	TWA	400 ppm 999 mg/m3	GB EH40
		STEL	500 ppm 1,250 mg/m3	GB EH40
ethanol	64-17-5	TWA	1,000 ppm 1,920 mg/m3	GB EH40

#### Derived No Effect Level (DNEL):

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
propan-2-ol	Workers	Skin contact	Long-term systemic effects	888 mg/kg
	Workers	Inhalation	Long-term systemic effects	500 mg/m3
ethanol	Workers	Inhalation	Acute local effects	1900 mg/m3
	Workers	Skin contact	Long-term systemic effects	343 mg/kg
	Workers	Inhalation	Long-term systemic effects	950 mg/m3

#### Predicted No Effect Concentration (PNEC):

Substance name	Environmental Compartment	Value
propan-2-ol	Fresh water	140.9 mg/l
	Marine water	140.9 mg/l
	Fresh water sediment	552 mg/kg
	Marine sediment	552 mg/kg
	Soil	28 mg/kg
	Intermittent use/release	140.9 mg/l
	Effects on waste water treatment plants	2251 mg/l
	Oral	160 mg/kg food
ethanol	Fresh water	0.96 mg/l
	Marine water	0.79 mg/l
	Fresh water sediment	3.6 mg/kg
	Soil	0.63 mg/kg
	Marine sediment	2.9 mg/kg
	Sewage treatment plant	580 mg/l

#### 8.2 Exposure controls

Personal protective equipment	
Eye/face protection	If splashes are likely to occur, wear: Goggles
Hand protection	
Remarks	Prolonged contact: Nitrile rubber gloves e.g. Camatril (>120 Min., layer thickness: 0.40 mm) or butyl rubber gloves e.g.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



<b>terralin un</b> Version 02.10	Revision Date: 13.11.2023	200 ST SP No Change Service! Date of last issue: 26.08.2022
		Butoject (>480 Min., layer thickness: 0.70 mm) made by KCL or gloves from other manufacturers offering the same protec- tion.
Respirato	ry protection	: No personal respiratory protective equipment normally re- quired.
Protective	e measures	: Avoid contact with skin and eyes.

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

#### 9.1 Information on basic physical and chemical properties

	Appearance Colour Odour Odour Threshold	::	Aqueous, alcohol containing solution on non-woven colourless alcohol-like not determined
	рН	:	ca. 3.5 Concentration: 100 % of the active solution
	Melting point/freezing point	:	< -5 °C of the active solution
	Decomposition temperature		No data available
	Boiling point/boiling range	:	ca. 80 °Cof the active solution
	Flash point	:	26 °C Method: DIN 51755 Part 1 of the active solution
	Evaporation rate	:	No data available
	Upper explosion limit / Upper flammability limit	:	not determined
	Lower explosion limit / Lower flammability limit	:	not determined
	Vapour pressure	:	ca. 40 hPa (20 °C) of the active solution
	Relative vapour density	:	No data available
	Density	:	ca. 0.95 g/cm3 of the active solution
	Solubility(ies) Water solubility	:	in all proportions (20 °C)
	Partition coefficient: n-oc- tanol/water	:	Not applicable
	Auto-ignition temperature	:	425 °C Raw material
4	0000026 01 ZSDB P GB EN		Page 6/17

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



terralin Version 02.10	<b>n universal wipes</b> Revision Date: 13.11.2023		200 ST SP No Change Service! Date of last issue: 26.08.2022
	sity iscosity, dynamic /iscosity, kinematic osive properties	: :	No data available not determined No data available
Oxid	izing properties	:	The substance or mixture is not classified as oxidizing.
	<b>information</b> mability (liquids)	:	Flammable liquid and vapour. Remarks: of the active solution
Meta	al corrosion rate	:	None reasonably foreseeable.

# **SECTION 10: Stability and reactivity**

#### **10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

## 10.2 Chemical stability

The product is chemically stable.

# **10.3 Possibility of hazardous reactions** Hazardous reactions : None reasonably foreseeable.

#### 10.4 Conditions to avoid

#### 10.5 Incompatible materials

Materials to avoid	: Strong acids and oxidizing agents
--------------------	-------------------------------------

#### **10.6 Hazardous decomposition products**

None reasonably foreseeable.

#### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

## Components:

propan-2-ol:	
Acute oral toxicity	: LD50 (Rat): 5,840 mg/kg
Acute inhalation toxicity	: LC50 (Rat): 39 mg/l

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



<b>rralin un</b> ersion 2.10	<i>iversal wipes</i> Revision Date: 13.11.2023		200 ST SP No Change Service! Date of last issue: 26.08.2022
			Exposure time: 4 h Test atmosphere: vapour
Acute de	rmal toxicity	:	LD50 (Rabbit): 13,900 mg/kg Method: OECD Test Guideline 402
ethanol:			
Acute or	al toxicity	:	LD50 (Mouse): 8,300 mg/kg
Acute inh	alation toxicity	:	LC50 (Mouse): 39 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute de	rmal toxicity	:	LD50 (Rabbit): 20,000 mg/kg
Skin corro	osion/irritation		
Based on a	available data, the cl	assi	fication criteria are not met.
Product:			
Method		:	Patch Test
Result		:	No skin irritation
Remarks		•	largely based on human evidence
<u>Compone</u>	<u>nts:</u>		
propan-2-	ol:		
Result		:	No skin irritation
ethanol:			
Species		:	Rabbit
Method		:	OECD Test Guideline 404
Result		:	No skin irritation
Serious e	ye damage/eye irrit	atio	n
Causes se	rious eye irritation.		
Product:			
Assessme	ent	:	Causes serious eye irritation.
Method		:	Calculation method
<u>Compone</u>	<u>nts:</u>		
propan-2-	ol:		
Result		:	Eye irritation
ethanol:			
Method		:	OECD Test Guideline 405

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



# terralin universal wipes

VersionRevision Date:02.1013.11.2023

# 200 ST SP

**No Change Service!** 

Date of last issue: 26.08.2022

#### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Components:**

#### propan-2-ol:

Test Type Species Result	:	Buehler Test
Species	:	Guinea pig
Result	:	Did not cause sensitisation on laboratory animals.

#### ethanol:

Test Type Species Method Result	: Maximisation Test
Species	: Guinea pig
Method	: OECD Test Guideline 406
Result	: Did not cause sensitisation on laboratory animals.

#### Germ cell mutagenicity

Not classified based on available information.

#### Components:

propan-2-ol:		
Genotoxicity in vitro	:	Test Type: Ames test Method: Mutagenicity (Escherichia coli - reverse mutation as- say) Result: Non mutagenic
Genotoxicity in vivo	:	Species: Mouse Method: Mutagenicity (micronucleus test) Result: Non mutagenic
Germ cell mutagenicity- As- sessment	:	Not mutagenic in Ames Test
ethanol:		
Genotoxicity in vitro	:	Test Type: Microbial mutagenesis assay (Ames test) Test system: Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: Not mutagenic in Ames Test
Genotoxicity in vivo	:	Result: Non mutagenic
Germ cell mutagenicity- As- sessment	:	Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

#### Carcinogenicity

Not classified based on available information.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

ralin universal wipe prsion Revision Date .10 13.11.2023		200 ST SP No Change Service! Date of last issue: 26.08.2022
Components:		
propan-2-ol:		
Remarks	:	Based on available data, the classification criteria are not m
ethanol:		
Carcinogenicity - Assess- ment	:	Did not show carcinogenic effects in animal experiments.
<b>Reproductive toxicity</b> Not classified based on avail	able ii	nformation
<u>Components:</u>		
propan-2-ol:		
Effects on foetal develop- ment	:	Species: Rat Application Route: Oral General Toxicity Maternal: NOAEL: 400 mg/kg body weight
Reproductive toxicity - As- sessment	:	Based on available data, the classification criteria are not m
ethanol:		
Effects on foetal develop- ment	:	Species: Rat Application Route: Oral General Toxicity Maternal: NOAEL: 2,000 mg/kg body weig
Reproductive toxicity - As- sessment	:	Animal experiments showed mutagenic and teratogenic effects.
<b>STOT - single exposure</b> Not classified based on avail	able ii	nformation.
Components:		
propan-2-ol:		
Assessment	:	May cause drowsiness or dizziness.
ethanol:		
Remarks	:	No data available
<b>STOT - repeated exposure</b> Not classified based on avail	oble :	oformation
	able li	normalion.
Components:		
propan-2-ol:		
Remarks	:	Based on available data, the classification criteria are not m
ethanol:		
Remarks		No data available

schülke ->

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



# terralin universal wipes

Version Revision Date: 02.10 13.11.2023

# 200 ST SP No Change Service!

Date of last issue: 26.08.2022

#### Repeated dose toxicity

#### Components:

#### propan-2-ol:

Remarks

: No data available

#### ethanol:

Species NOAEL	:	Rat
NOAEL	:	1,730 mg/kg
LOAEL	:	3,160 mg/kg
Application Route	:	Oral
Exposure time	:	90 d

#### Aspiration toxicity

Not classified based on available information.

#### **Further information**

#### Product:

Remarks

: No human information is available.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### **Components:**

	propan-	2-ol:	
--	---------	-------	--

propan-2-01.		
Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): 9,640 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 10,000 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Test Type: static test
		EC50 (green algae): 1,800 mg/l Exposure time: 7 d
ethanol:		
Toxicity to fish	:	LC50 (Leuciscus idus (Golden orfe)): 8,140 mg/l Exposure time: 48 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 5,000 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	IC50 (Scenedesmus quadricauda (Green algae)): > 100 mg/l Exposure time: 72 h

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



# terralin universal wipes

Version Revision Date: 02.10 13.11.2023

# 200 ST SP

# No Change Service!

Date of last issue: 26.08.2022

#### 12.2 Persistence and degradability

#### Components:

#### propan-2-ol:

Biodegradability	:	Result: Readily biodegradable.

#### ethanol:

Biodegradability	:	Test Type: aerobic Result: Readily biodegradable. Biodegradation: > 70 % Exposure time: 5 d Method: OECD 301D / EEC 84/449 C6
		Method: OECD 301D / EEC 84/449 C6

#### 12.3 Bioaccumulative potential

#### **Components:**

#### propan-2-ol:

Bioaccumulation	:	Remarks: No bioaccumulation is to be expected (log Pow <= 4).
Partition coefficient: n-oc- tanol/water	:	log Pow: 0.05 (20 °C) Method: OECD Test Guideline 107

ethanol:

Bioaccumulation	:	Remarks: Bioaccumulation is unlikely.
Partition coefficient: n-oc- tanol/water	:	log Pow: -0.14 Method: Calculated value

#### 12.4 Mobility in soil

Components:	
propan-2-ol: Mobility	: Remarks: Mobile in soils
ethanol: Mobility	: Remarks: No data available

#### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment	:	This substance/mixture contains no components considered
		to be either persistent, bioaccumulative and toxic (PBT), or
		very persistent and very bioaccumulative (vPvB) at levels of
		0.1% or higher.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



# terralin universal wipes

Version Revision Date: 02.10 13.11.2023

#### No Change Service!

Date of last issue: 26.08.2022

#### 12.6 Other adverse effects

# Product:

Endocrine disrupting poten- tial	:	The substance/mixture does not contain components consid- ered 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.
Additional ecological infor- mation	:	No data is available on the product itself.

200 ST SP

#### **SECTION 13: Disposal considerations**

13.1 Waste treatment methods		
Product	:	Can be incinerated or landfilled together with household waste in compliance with the regulations, and after consultation with the waste disposal services.
Contaminated packaging	:	Empty containers should be taken to an approved waste han- dling site for recycling or disposal.

#### **SECTION 14: Transport information**

#### 14.1 UN number ADR : UN 3175 IMDG : UN 3175 ΙΑΤΑ : UN 3175 14.2 UN proper shipping name ADR SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. : (propan-2-ol, ethanol) IMDG SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. 2 (propan-2-ol, ethanol) ΙΑΤΑ Solids containing flammable liquid, n.o.s. : (propan-2-ol, ethanol) 14.3 Transport hazard class(es) Subsidiary risks Class ADR ÷ 4.1 IMDG 4.1 : ΙΑΤΑ 4.1 : 14.4 Packing group ADR Packing group Ш : **Classification Code** F1

Z40000026\_01 ZSDB\_P\_GB EN



No Change Service!

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

## terralin universal wipes

#### Revision Date: Date of last issue: 26.08.2022 Version 02.10 13.11.2023 Hazard Identification Number : 40 Labels 4.1 Tunnel restriction code 2 (E) IMDG Packing group Ш 2 Labels 4.1 : EmS Code F-A, S-I 2 IATA (Cargo) Packing instruction (cargo 448 5 aircraft) Packing instruction (LQ) ÷ Y441 Packing group : Labels : Flammable solid IATA (Passenger) Packing instruction (passen-: 445 ger aircraft) Packing instruction (LQ) Y441 1 Packing group Ш Labels Flammable solid • 14.5 Environmental hazards ADR Environmentally hazardous • no IMDG Marine pollutant no

200 ST SP

#### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks

: Transport in accordance to special provision 216

#### **SECTION 15: Regulatory information**

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Órganic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



<b>terralin univ</b> Version 02.10	ersal wipes Revision Date: 13.11.2023	200 ST SP No Change Service! Date of last issue: 26.08.2022		
UK REACH List of substances subject to authorisation : Not applicable (Annex XIV)				
Volatile organic compounds :		Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 24 %		
according to ulation EC 64	Detergents Reg- : 18/2004	< 5%: Anionic surfactants		
Other regulat	tions:			
relating to ne Pregnant Wo Take note of relating to pro 94/33/EC on <b>The compon</b>	w and expectant mo orkers Directive 92/8 The Management o otection of young pe the protection of you	f Health and Safety at Work Regulations 1999 (requirements ople at work contained in Regulation 19) and of Directive		
TCSI	:	On the inventory, or in compliance with the inventory		
TSCA	:	Product contains substance(s) not listed on TSCA inventory.		
AIIC	:	Not in compliance with the inventory		
DSL	:	This product contains the following components that are not on the Canadian DSL nor NDSL.		
		Sulfonic acids, C14-17-sec-alkane, sodium salts		
ENCS	:	Not in compliance with the inventory		
ISHL	:	Not in compliance with the inventory		
KECI	:	Not in compliance with the inventory		
PICCS	:	Not in compliance with the inventory		
IECSC	:	Not in compliance with the inventory		
NZIoC	:	Not in compliance with the inventory		
TECI	:	On the inventory, or in compliance with the inventory		

# 15.2 Chemical safety assessment

SECTION 16: Other informationFull text of H-Statements

	Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.				
Full text of other abbreviations					
Eye Irrit. : Flam. Liq. :	Eye irritation Flammable liquids				
	Specific target organ toxicity - single exposure UK. EH40 WEL - Workplace Exposure Limits				

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



terralin universal wipes		200 ST SP	No Change Service!
Version	Revision Date:	Dat	e of last issue: 26.08.2022
02.10	13.11.2023		

GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIOC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information						
Classification of the mixture:		Classification procedure:				
Flam. Liq. 3	H226	Based on product data or assess- ment				
Eye Irrit. 2	H319	Calculation method				

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



# terralin universal wipesVersionRevision Date:

Version Revision Da 02.10 13.11.2023 200 ST SP

# No Change Service!

Date of last issue: 26.08.2022