# SAFETY DATA SHEET



This Safety Data Sheet (SDS) was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 (in particular as amended by Commission Regulation (EU) 2020/878 with respect to SDSs) and Regulation (EC) No. 1272/2008 (CLP)

Issuing 09-Sep-2022 Revision Date: 09-Sep-2022 Revision Number 1

Date:

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

1.1. Product identifier

Product Identifier C-91594961-015\_RET\_CLPR7\_EUR\_SAW

Product Name Viakal Classic Liquid

Product Form Mixture
Pure substance/mixture Mixture

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

Recommended use Intended for general public Uses advised against No information available

Main user category SU 21 - Consumer uses: Private households (= general public = consumers)

Product category Specialty Cleaners Liquid

**Use category** PC35 - Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Supplier
Procter & Gamble UK Brooklands,

Manufacturer
P&G Gattatico Plant

Weybridge, Surrey, KT13 0XP, UK Tel: Via dell'Industria 31, 42043 Gattatico, Italy

01932 896000 Fax: 01932 896200 Tel: +39-0522-471-1

Fax: +39-0522-471-201

P&G DCE bvba/sprl-Belgium Dist. Div., Temselaan 100, B-1853 Strombeek-Bever, Belgium (IE) 1800 535 119

For further information, please contact

E-mail address pgsds.im@pg.com

1.4. Emergency telephone number

Emergency Telephone (UK) Emergency Tel: 0800 328 8304 (IRL) Emergency Tel: 1800 509 497

(IRL) Poisons information: for information or to report a poisoning incident contact The National Poisons Information Centre 01 8092166 (8.00 a.m. to 10.00 p.m. 7 days a week)

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

- 1 - g - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)

#### 2.2. Label elements

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Signal word Warning

# **Hazard statements**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

# Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P305 + P351 - IF IN EYES: Rinse cautiously with water for several minutes

Do not mix with bleach or other cleaning products

# 2.3. Other hazards

No information available

# **Endocrine Disruptor Information**

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

# 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	CAS No	Weight-%	REACH registration number	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Formic Acid	64-18-6		01-21194911 74-37		(Oral)(H302) Acute Tox. 3 (Inhalation)( H331) Skin Corr. 1A(H314) Eye Dam.	Skin Corr.		_
Deceth-n	26183-52-8	1 - 5	No data available	Polymer	Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318)	-	-	-

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Skin contact

#### Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate
No information available

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59).

# **SECTION 4: First aid measures**

4.1. Description of first aid measures

**General advice** Show this safety data sheet to the doctor in attendance.

Inhalation IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

(Call a physician if symptoms occur).

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if symptoms occur.

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Take off contaminated clothing and wash before reuse. Discontinue use of product.

Ingestion IF SWALLOWED:. Rinse mouth. Do NOT induce vomiting. Call a physician or poison

control center immediately.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

Symptoms Coughing and/ or wheezing. Redness. Swelling of tissue. Itching. Drowsiness. Dizziness.

Sneezing. Blurred vision. Dryness. Pain. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Excessive secretion. Headache. Shortness of breath.

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

# **SECTION 5: Firefighting measures**

5.1. Extinguishing media

Suitable Extinguishing Media
Unsuitable extinguishing media
Dry chemical. Alcohol resistant foam. Carbon dioxide (CO2).
Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

None in particular.

5.3. Advice for firefighters

Special protective equipment for

fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

# SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal

protective equipment as required.

6.2. Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

**Methods for containment**Scoop absorbed substance into closing containers.

Methods for cleaning up

Use a non-combustible material like vermiculite, sand or earth to soak up the product and

place into a container for later disposal. Small quantities of liquid spill:. Large Spills:. contain

released substance, pump into suitable containers. This material and its container must be

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disposed of in a safe way, and as per local legislation.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

# SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with eyes. Avoid contact with skin. Do not eat, drink or smoke when using this

product. Handle in accordance with good industrial hygiene and safety practice.

General hygiene considerations Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this

product. Avoid contact with skin, eyes or clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep/store only in original container. Keep tightly closed in a dry and cool place.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

# SECTION 8: Exposure controls/personal protection

# 8.1. Control parameters

**Exposure Limits** 

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Formic Acid	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm
	TWA: 9 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>	TWA: 9.5 mg/m <sup>3</sup>	TWA: 9.0 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>
		STEL 5 ppm	STEL: 10 ppm		
		STEL 9 mg/m <sup>3</sup>	STEL: 19 mg/m <sup>3</sup>		
		Ceiling: 5 ppm			
		Ceiling: 9 mg/m <sup>3</sup>			
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Formic Acid	TWA: 5 ppm	TWA: 9 mg/m <sup>3</sup>	TWA: 5 ppm	TWA: 5 ppm	TWA: 3 ppm
	TWA: 9 mg/m <sup>3</sup>	Ceiling: 18 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>
					STEL: 10 ppm
					STEL: 19 mg/m <sup>3</sup>
Chemical name	France	Germany	Germany DFG	Greece	Hungary
Formic Acid	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm	TWA: 9 mg/m <sup>3</sup>
	TWA: 9 mg/m <sup>3</sup>	TWA: 9.5 mg/m <sup>3</sup>	TWA: 9.5 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>	
			Peak: 10 ppm		
			Peak: 19 mg/m <sup>3</sup>		
Chemical name	Ireland	Italy	Italy REL	Latvia	Lithuania
Formic Acid	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm
	TWA: 9 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>	TWA: 9.4 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>
	STEL: 15 ppm		STEL: 10 ppm		
	STEL: 27 mg/m <sup>3</sup>		STEL: 18.8 mg/m <sup>3</sup>		
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Formic Acid	TWA: 5 ppm	TWA: 5 ppm	STEL: 5 mg/m <sup>3</sup>	TWA: 5 ppm	STEL: 15 mg/m <sup>3</sup>
	TWA: 9 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>		TWA: 9 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>
				STEL: 10 ppm	
				STEL: 18 mg/m <sup>3</sup>	
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Formic Acid	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm	TWA: 5 ppm
	TWA: 9 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>	TWA: 9.0 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>	TWA: 9 mg/m <sup>3</sup>
	STEL: 10 ppm			STEL: STEL ppm	
				STEL: STEL mg/m <sup>3</sup>	
Chemical name	Sweden	Switzerland	United Kingdom	Israel - Occupational	Turkey

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				Exposure Limits - TWAs	
Formic Acid	NGV: 3 ppm NGV: 5 mg/m³ Vägledande KGV: 5 ppm Vägledande KGV: 9 mg/m³	STEL: 19 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 9.6 mg/m³ STEL: 15 ppm STEL: 28.8 mg/m³	5ppmTWA	5ppmTWA 9mg/m³TWA

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# **Biological occupational exposure limits**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) Long term.

Chemical name	Worker - dermal,	Worker - inhalative,	Worker - dermal,	Worker - inhalative,
	long-term - systemic	long-term - systemic	long-term - local	long-term - local
Formic Acid	-	0.0095 mg/L	-	0.0095 mg/L

Chemical name	Consumer - oral, long-term -	Consumer - inhalative,	Consumer - dermal, long-term
	local	long-term - local	- local
Formic Acid	-	0.003 mg/L	-

Chemical name	Consumer - oral, long-term -	Consumer - inhalative,	Consumer - dermal, long-term
	systemic	long-term - systemic	- systemic
Formic Acid	-	0.003 mg/L	-

Chemical name	Worker - dermal,	Worker - inhalative,	Worker - dermal,	Worker - inhalative,
	short-term - systemic	short-term - systemic	short-term - local	short-term - local
Formic Acid	-	-	-	19 mg/m <sup>3</sup>

Chemical name	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local
Formic Acid	9.5 mg/m³	-

# **Predicted No Effect Concentration** No information available. **(PNEC)**

Chemical name	Fresh Water	Marine water	Intermittent release
Formic Acid	2 mg/L	0.2 mg/L	1 mg/L
Citric Acid	0.44 mg/L	0.044 mg/L	-

Chemical name		Marine sediment		Soil	Air	Oral
	sediment		treatment plant			
Formic Acid	13.4 mg/kg	1.34 mg/kg	7.2 mg/L	1.5 mg/kg soil dw	-	-
	sediment dw	sediment dw				
Citric Acid	34.6 mg/kg	3.46 mg/kg	1 000 mg/L	33.1 mg/kg soil	-	-
	sediment dw	sediment dw		dw		

# 8.2. Exposure controls

## **Personal Protective Equipment**

Eye/face protectionNo special protective equipment required.Hand protectionNo special protective equipment required.

**Skin and body protection**No special protective equipment required.

exceeded or irritation is experienced, ventilation and evacuation may be required.

product forms

Not available. This property is not relevant for the

Not available. This property is not relevant for the

safety and classification of this product

safety and classification of this product

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General hygiene considerations Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this

product. Avoid contact with skin, eyes or clothing.

Prevent that the undiluted product reaches surface waters. **Environmental exposure controls** 

# SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

**Physical state** Liquid **Appearance** Liquid Color Coloured

Pleasant (perfume) Odor No information available **Odor threshold** 

Property Values Remarks • Method

No data available Not available. This property is not relevant for the Melting point / freezing point

safety and classification of this product

Initial boiling point and boiling range 100 - 106 °C TMR A.2. Not applicable. This property is not relevant for liquid

**Flammability** 

Upper flammability or explosive No data available

limits

Flammability Limit in Air

Lower flammability or explosive No data available

limits

Flash point No Flash to Boiling (NFTB)

**Autoignition temperature** No data available

No Data Available Not available. This property is not relevant for the **Decomposition temperature** 

safety and classification of this product **OECD 122** 

2.2 **Dynamic viscosity** 370 mPas **OECD 114** 

Water solubility Soluble in water TMR. A.6 Solubility(ies) No Data Available

Not available. This property is not relevant for the safety and classification of this product

No Data Available Not available. This property is not relevant for the Partition coefficient

safety and classification of this product

Vapor pressure No Data Available Not available. This property is not relevant for the

safety and classification of this product TMR. A.3

Relative density 1.02

Relative vapor density No data available Not available. This property is not relevant for the safety and classification of this product

Particle characteristics

Not available. This property is not relevant for the safety and classification of this product

No information available **Particle Size** 

**Particle Size Distribution** No information available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No information available

9.2.2. Other safety characteristics

No information available

# SECTION 10: Stability and reactivity

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10.1. Reactivity

**Reactivity** No information available.

10.2. Chemical stability

**Stability** Stable under normal conditions.

**Explosion data** 

Sensitivity to mechanical impact None. Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

**Incompatible materials**None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

# SECTION 11: Toxicological information

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

#### Information on likely routes of exposure

#### **Product Information**

**Inhalation** Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation.

(based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. Causes skin irritation. (based

on components).

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Redness. May cause redness and tearing of the eyes.

Numerical measures of toxicity

**Acute toxicity** 

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 12,720.20 mg/kg

## **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Formic acid	730 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD 402)	7.85 mg/L air (OECD 403)
Deceth-8	300 mg/kg	>2000 mg/kg	-

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Chemical name	Carcinogenic ity	Species	Eye Damage		Development al toxicity	Species	Mutagenicity	Species
Formic Acid	-	-	Υ	-	-	-	-	-
Deceth-n	-	-	Υ	-	-	-	-	-
Citric Acid	-	-	Y (OECD 405)	-	-	-	-	-

	Reproductive toxicity		Skin corrosion/irritatio		Sensitization	Species
Formic Acid	-	_	Υ	-	_	_

Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Irritating to skin.

Serious eye damage/eye irritation Causes serious eye irritation.

**Respiratory or skin sensitization** No information available.

Germ cell mutagenicity No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

11.2.2. Other information

Other adverse effects No information available.

# **SECTION 12: Ecological information**

**12.1. Toxicity** 

**Ecotoxicity** Not considered to be harmful to aquatic life. No known adverse effects on the functioning of

water treatment plants under normal use conditions as recommended.

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# Unknown aquatic toxicity

Contains 0.30997 % of components with unknown hazards to the aquatic environment.

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Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Formic acid	1240 mg/L (OECD 201;	130 mg/L (OECD 203;	46.7 mg/L (Pseudomonas	365 mg/L (OECD 202;
	Pseudokirchneriella subcapitata; 72 h)	Danio rerio; 96 h)	putida; 17 h)	Daphnia magna; 48 h)
Deceth-8	10 - 100 mg/L (OECD	10 - 100 mg/L (OECD	140 mg/L (activated	10 - 100 mg/L (OECD
	201; Desmodesmus	203; Cyprinus carpio; 96	sludge)	202; Daphnia magna; 48
	subspicatus; 72 h)	h)	-	h)

**Chronic Toxicity** 

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia	Toxicity to	Toxicity to other
	(NOEC or ECx)*	(NOEC or ECx)*	and other aquatic	Microorganisms	organisms
	(**************************************	(,	invertebrates	(NOEC or ECx)*	or game
			(NOEC or ECx)*	,	
Formic Acid	76.9 mg/L (OECD 201;	90 mg/L (OECD 203;	101 mg/L (OECD 211;	72 mg/L (EU Method	-
	Raphidocelis	Danio rerio; 4 d)	Daphnia magna, 21 d)	C.3; activated sludge;	
	subcapitata; 3 d)			13 d)	
Citric Acid	425 mg/L	-	-	-	> 4000 mg/kg bw
	(Scenedesmus				(Guideline not
	quadricauda; 8 d)				indicated; Gallus
	·				domesticus; 14 d)

### 12.2. Persistence and degradability

Persistence and degradability

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Chemical name	Ready Biodegradation	Abiotic Degradation	Abiotic Degradation	Biodegradation Other
	Test (OECD 301)	Hydrolysis	Photolysis	Tests
Formic acid - 64-18-6	100%O2; OECD 301 C; 14 d	-	-	95 % (O2 consumption; 20 d; wastewater, seed bacteria, and growth factors; aerobic)
Deceth-8 - 26183-52-8	>60 %; OECD 301B; 28 d	-	-	-
Citric Acid - 77-92-9	97% ; CO2; 28 d; OECD 301 B	-	-	93 % (OECD 303 A; aerobic; sludge from a communal sewage treatment plant; COD removal)

# 12.3. Bioaccumulative potential

**Bioaccumulation** 

There is no data for this product.

**Component Information** 

Chemical name	Partition coefficient	
Formic Acid	-1.9	

Chemical name	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Formic Acid	-1.9 to-2.3	-
Citric Acid	-1.55	3.2 L/kg

# 12.4. Mobility in soil

Mobility in soil

Chemical name	log Koc	
Formic Acid	< 17.8 (OECD 121; 23°C)	
Deceth-n	2000 - 5000	

# 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

Chemical name	PBT and vPvB assessment
Formic Acid	The substance is not PBT / vPvB
Deceth-n	The substance is not PBT / vPvB

# 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** 

No information available.

### 12.7. Other adverse effects

No information available.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste from residues/unused products

The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. Where possible recycling is preferred to disposal or incineration. Empty, uncleaned packaging need the same disposal considerations as filled packaging. For handling waste, see measures described in section 8. Dispose of in accordance with local regulations.

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Contaminated packaging

Do not reuse empty containers.

Waste codes / waste designations according to EWC / AVV

20 01 29\* - detergents containing dangerous substances

15 01 10\* - packaging containing residues of or contaminated by dangerous substances

# **SECTION 14: Transport information**

IATA	<u>.</u>	
14.1	UN number or ID number	Not regulated
14.2		
14.3	Transport hazard class(es)	Not regulated
14.4	Packing group	Not regulated
14.5	Environmental hazards	Not applicable
14.6	Special precautions for user	
IMDO	<u> </u>	
14.1	UN number or ID number	Not regulated

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
14.7 Maritime transport in bulk	No information

according to IMO instruments

available

14.1 UN number or ID number Not regulated 14.2 14.3 Transport hazard class(es) Not regulated 14.4 Packing group Not regulated 14.5 Environmental hazards Not applicable 14.6 Special precautions for user **Special Provisions** None

ADR 14.1 UN number or ID number Not regulated 14.2 Not regulated 14.3 Transport hazard class(es) Not regulated 14.4 Packing group Not applicable 14.5 Environmental hazards 14.6 Special precautions for user **Special Provisions** None

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ADN

14.1 UN number or ID number Not relevant

14.2

14.3 Transport hazard class(es) No information available

14.4 Packing groupNot relevant14.5 Marine pollutantNot regulated

# SECTION 15: Regulatory information

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

### National regulations

Germany

Water hazard class (WGK) slightly hazardous to water (WGK 1)

#### **Netherlands**

#### **Poland**

Announcement of the Speaker of the Sejm of the Republic of Poland of 13 April 2018 regarding the publication of a uniform text of the Act - Labor Code (Journal of Laws 2018, item 917, as amended). Announcement of the Speaker of the Sejm of the Republic of Poland of March 15, 2019 regarding the publication of a uniform text of the Act on Waste (Journal of Laws 2019 item 701, as amended). Regulation of the Minister of Development of 7 July 2016, repealing the Regulation on specific requirements for certain products due to their negative environmental impact (Journal of Laws of 2016, item 1099, as amended). Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018 regarding the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286 with subsequent amendments).

## **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

#### Authorizations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII) Regulation (EC) No. 648/2004 (Detergents regulation) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP] Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Formic Acid	75.	-

### **Persistent Organic Pollutants**

Not applicable

## Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

#### Biocidal Products Regulation (EU) No 528/2012 (BPR)

# CESIO Recommendations

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### 15.2. Chemical safety assessment

Chemical Safety Report No chemical safety assessment has been carried out for this mixture per REACH regulation.

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# **SECTION 16: Other information**

Key or legend to abbreviations and acronyms used in the safety data sheet

### Full text of H-Statements referred to under section 3

H226 - Flammable liquid and vapor

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H318 - Causes serious eye damage

H331 - Toxic if inhaled

#### Legend

SVHC: Substances of Very High Concern for Authorization:

### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value \* Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method

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Further information Salts listed in Section 3 without a REACh Registration number are exempt, based on Annex

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This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 Disclaimer

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**End of Safety Data Sheet**