



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issuing Date: 06-Jan-2023

Revision Date: 06-Jan-2023

Revision Number 1

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

1.1. Product identifier

Product Identifier	C-91635562-002_RET_CLPR7_EUR_SAW
Product Name	Viakal Fresh
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 Spray
Use category	PC35 - Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Supplier	Manufacturer
Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK Tel: 01932 896000 Fax: 01932 896200	P&G Gattatico Plant Via dell'Industria 31, 42043 Gattatico, Italy 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

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

2.2. Label elements



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

P260 - Do not breathe spray

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

There are no substances contained at or above the regulated value for declaration of >0.1% that fall under the definition of confirmed endocrine disruptors of any EU regulation.

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	1 - 5	01-21194911 74-37	200-579-1	Flam. Liq. 3(H226) Acute Tox. 4 (Oral)(H302) Acute Tox. 3 (Inhalation)(H331) Skin Corr. 1A(H314) Eye Dam. 1(H318)	Skin Corr. 1A :: 90%≤C<100% Skin Corr. 1B :: 10%≤C<90% Skin Irrit. 2 :: 2%≤C<10% Eye Irrit. 2 :: 2%≤C<10% Flam. Liq. 3 :: 85%≤C<100%	-	-
UNDECETH-10	127036-24-2	1 - 5	No data available	603-182-5	Acute Tox. 4 (Oral)(H302) Eye Dam. 1(H318)	-	-	-
Citric Acid	77-92-9	1 - 5	01-21194570	201-069-1	Eye Irrit.	-	-	-

			26-42		2(H319) STOT SE 3(H335)			
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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 $\geq 0.1\%$ (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.
Skin contact	IF ON SKIN: Wash with plenty of soap and water. Get medical attention if symptoms occur. 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.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Dry chemical. Alcohol resistant foam. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	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.
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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.
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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.
For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions	See Section 12 for additional Ecological Information.
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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: contain released substance, pump into suitable containers. This material and its container must be 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: 9 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³ STEL 5 ppm STEL 9 mg/m ³ Ceiling: 5 ppm Ceiling: 9 mg/m ³	TWA: 5 ppm TWA: 9.5 mg/m ³ STEL: 10 ppm STEL: 19 mg/m ³	TWA: 5 ppm TWA: 9.0 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Formic Acid	TWA: 5 ppm TWA: 9 mg/m ³	TWA: 9 mg/m ³ Ceiling: 18 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³	TWA: 3 ppm TWA: 5 mg/m ³ STEL: 10 ppm STEL: 19 mg/m ³
Citric Acid	-	TWA: 4 mg/m ³	-	-	-
Chemical name	France	Germany	Germany DFG	Greece	Hungary
Formic Acid	TWA: 5 ppm TWA: 9 mg/m ³	TWA: 5 ppm TWA: 9.5 mg/m ³	TWA: 5 ppm TWA: 9.5 mg/m ³ Peak: 10 ppm Peak: 19 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³	TWA: 9 mg/m ³
Citric Acid	-	TWA: 2 mg/m ³	TWA: 2 mg/m ³ Peak: 4 mg/m ³	-	-
Chemical name	Ireland	Italy	Italy REL	Latvia	Lithuania
Formic Acid	TWA: 5 ppm TWA: 9 mg/m ³ STEL: 15 ppm STEL: 27 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³	TWA: 5 ppm TWA: 9.4 mg/m ³ STEL: 10 ppm STEL: 18.8 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Formic Acid	TWA: 5 ppm TWA: 9 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³	STEL: 5 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³ STEL: 10 ppm STEL: 18 mg/m ³	STEL: 15 mg/m ³ TWA: 5 mg/m ³

Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Formic Acid	TWA: 5 ppm TWA: 9 mg/m ³ STEL: 10 ppm	TWA: 5 ppm TWA: 9 mg/m ³	TWA: 5 ppm TWA: 9.0 mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³ STEL: STEL ppm STEL: STEL mg/m ³	TWA: 5 ppm TWA: 9 mg/m ³
Chemical name	Sweden	Switzerland	United Kingdom	Israel - Occupational Exposure Limits - TWAs	Turkey
Formic Acid	NGV: 3 ppm NGV: 5 mg/m ³ Vägledande KGV: 5 ppm Vägledande KGV: 9 mg/m ³	TWA: 5 ppm TWA: 9.5 mg/m ³ STEL: 10 ppm STEL: 19 mg/m ³	TWA: 5 ppm TWA: 9.6 mg/m ³ STEL: 15 ppm STEL: 28.8 mg/m ³	5ppmTWA	5ppmTWA 9mg/m ³ TWA
Citric Acid	-	TWA: 2 mg/m ³ STEL: 4 mg/m ³	-	-	-

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

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

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

Predicted No Effect Concentration (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	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	Air	Oral
Formic Acid	13.4 mg/kg sediment dw	1.34 mg/kg sediment dw	7.2 mg/L	1.5 mg/kg soil dw	-	-
Citric Acid	34.6 mg/kg sediment dw	3.46 mg/kg sediment dw	1 000 mg/L	33.1 mg/kg soil dw	-	-

8.2. Exposure controls**Personal Protective Equipment**

Eye/face protection No special protective equipment required.

Hand protection No special protective equipment required.

Skin and body protection	No special protective equipment required.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
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.
Environmental exposure controls	Prevent that the undiluted product reaches surface waters.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Color	Coloured
Odor	Pleasant (perfume)
Odor threshold	No information available

<u>Property</u>	<u>Values</u>
Melting point / freezing point	No data available

Initial boiling point and boiling range 100 - 106 °C

Flammability

Flammability Limit in Air

Upper flammability or explosive limits No data available

Lower flammability or explosive limits No data available

Flash point No Flash to Boiling (NFTB)

Autoignition temperature No data available

Decomposition temperature No Data Available

pH 2.2

Dynamic viscosity 230 mPa s

Water solubility Soluble in water

Solubility(ies) No Data Available

Partition coefficient No Data Available

Vapor pressure No Data Available

Relative density 1.02

Relative vapor density No data available

Particle characteristics

Particle Size No information available

Particle Size Distribution No information available

Remarks • Method

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

Not applicable. This property is not relevant for liquid product forms

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

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

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

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

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

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

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) 14,258.50 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)

Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydrox y-, branched and linear (LIAL feedstock; 8EO)	> 300 - 2000 mg/kg	> 2000 mg/kg	-
Citric Acid	5400 mg/kg bw (OECD 401)	> 2000 mg/kg bw	-

Chemical name	Carcinogenicity	Species	Eye Damage	Species	Developmental toxicity	Species	Mutagenicity	Species
Formic Acid	-	-	Y	-	-	-	-	-
UNDECETH-10	-	-	Y	-	-	-	-	-
Citric Acid	-	-	Y (OECD 405)	-	-	-	-	-

Chemical name	Reproductive toxicity	Species	Skin corrosion/irritation	Species	Sensitization	Species
Formic Acid	-	-	Y	-	-	-

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.
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11.2.2. Other information

Other adverse effects	No information available.
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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.

Unknown aquatic toxicity

Contains 0.25437 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Formic acid	-	-	46.7 mg/L (<i>Pseudomonas putida</i> ; 17 h)	-
Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, branched and linear (LIAL feedstock; 8EO)	5 mg/l (OECD 201; algae; 72 h)	-	140 mg/l (activated sludge)	-
Citric Acid	-	440 mg/L (OECD 203; <i>Leuciscus idus melanotus</i> ; 48 h)	-	1535 mg/L (<i>Daphnia magna</i> ; 24 h)

Chronic Toxicity

Chemical name	Toxicity to algae (NOEC or ECx)*	Toxicity to fish (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms
Formic Acid	76.9 mg/L (OECD 201; <i>Raphidocelis subcapitata</i> ; 3 d)	90 mg/L (OECD 203; <i>Danio rerio</i> ; 4 d)	101 mg/L (OECD 211; <i>Daphnia magna</i> ; 21 d)	72 mg/L (EU Method C.3; activated sludge; 13 d)	-
UNDECETH-10	-	5 mg/l (Fish)	5 mg/l (<i>Daphnia</i> (water flea); 21 d)	-	-
Citric Acid	425 mg/L (<i>Scenedesmus quadricauda</i> ; 8 d)	-	-	-	> 4000 mg/kg bw (Guideline not indicated; <i>Gallus domesticus</i> ; 14 d)

12.2. Persistence and degradability**Persistence and degradability**

Chemical name	Ready Biodegradation Test (OECD 301)	Abiotic Degradation Hydrolysis	Abiotic Degradation Photolysis	Biodegradation Other Tests
Formic acid - 64-18-6	100% O ₂ ; OECD 301 C; 14 d	-	-	95 % (O ₂ consumption; 20 d; wastewater, seed bacteria, and growth factors; aerobic)
Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-, branched and linear (LIAL feedstock; 8EO) - 127036-24-2	> 60% (OECD 301B; 28 d)	-	-	-
Citric Acid - 77-92-9	97% ; CO ₂ ; 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
Citric Acid	-1.72

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

12.4. Mobility in soil**Mobility in soil** No information available.

Chemical name	log Koc
Formic Acid	< 17.8 (OECD 121; 23°C)
UNDECETH-10	4246 - 11246;

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
Citric Acid	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.

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****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****IMDG****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 according to IMO instruments** No information available**RID****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	
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

ADN

14.1 UN number or ID number	Not relevant
14.2	
14.3 Transport hazard class(es)	No information available
14.4 Packing group	Not relevant
14.5 Marine pollutant	Not 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.	-
Citric Acid	75.	-

Persistent Organic Pollutants

Not applicable

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

Not applicable

EU - Biocides

Chemical name	EU - Biocides
Citric Acid - 77-92-9	Product-type 1: Human hygiene

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.

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

H319 - Causes serious eye irritation

H331 - Toxic if inhaled

H335 - May cause respiratory irritation

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 V.

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

Disclaimer

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.

End of Safety Data Sheet