Viakal Vinegar Action No1 (Ginkgo)

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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-May-2022 Revision Date: 09-May-2022 Revision Number 1

Date:

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

1.1. Product identifier

Product Identifier C-91894976-002_PGP_CLPR7_EUR

Product Name Viakal Disinfecting Limescale Remover Spray

Product Form 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 22 - Professional uses

Product category Specialty Cleaners Spray

Use category PC8 - Biocidal Products (e.g. disinfectants, pest control)

1.3. Details of the supplier of the safety data sheet

Supplier Manufacturer

Procter & Gamble UK Brooklands PGP, 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 customerservice@pgprof.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 1 - (H318)

Corrosive to metals Category 1 - (H290)

2.2. Label elements

Signal word

Danger

Hazard statements

H315 - Causes skin irritation
H318 - Causes serious eye damage
H290 - May be corrosive to metals
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 EC No Classification Specific M-Factor M-Factor
registration according to concentration (long-term)
number Regulation limit (SCL)
(EC) No.
1272/2008
[CLP]
Formic Acid 64-18-6 1 - 5 01-21194911 200-579-1 Acute Tox. 3 Eye Irrit. 2 :: - -
74-37 (Inhalation)(2%<=C<10%
H331) Flam. Liq. 3 ::
Acute Tox. 4 85%<=C<10
(Oral)(H302) 0%
Eye Dam. Skin Corr. 1A
1(H318) :: 90%>=C?%
Flam. Liq. Skin Corr. 1B
3(H226) ::
Skin Corr. 10%<=C90%
1A(H314) Skin Irrit. 2 ::
2%<=C<10%
Deceth-n 26183-52-8 1 - 5 No data 500-046-6 Acute Tox. 4 - - -
available (Oral)(H302)
Eye Dam.
1(H318)
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. Immediate medical attention is required.
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. Dizziness. Sneezing. Blurred vision. Dryness. Pain. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Excessive secretion. Shortness of breath. Headache.
4.3. Indication of any immediate medical attention and special treatment needed
Note to physicians Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable Extinguishing Media Dry chemical. Alcohol resistant foam. Carbon dioxide (CO2).
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.
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.
For emergency responders Use personal protection recommended in Section 8.
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 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. Regular cleaning of equipment, work area and clothing is recommended. 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/m3 TWA: 9 mg/m3 TWA: 9.5 mg/m3 TWA: 9.0 mg/m3 TWA: 9 mg/m3

STEL 5 ppm STEL: 10 ppm

STEL 9 mg/m3 STEL: 19 mg/m3

Ceiling: 5 ppm

Ceiling: 9 mg/m3

Chemical name Cyprus Czech Republic Denmark Estonia Finland

Formic Acid TWA: 5 ppm TWA: 9 mg/m3 TWA: 5 ppm TWA: 5 ppm TWA: 3 ppm

TWA: 9 mg/m3 Ceiling: 18 mg/m3 TWA: 9 mg/m3 TWA: 9 mg/m3 TWA: 5 mg/m3

STEL: 10 ppm

STEL: 19 mg/m3

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/m3

TWA: 9 mg/m3 TWA: 9.5 mg/m3 TWA: 9.5 mg/m3 TWA: 9 mg/m3

Peak: 10 ppm

Peak: 19 mg/m3

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/m3 TWA: 9 mg/m3 TWA: 9.4 mg/m3 TWA: 9 mg/m3 TWA: 9 mg/m3

STEL: 15 ppm STEL: 10 ppm

STEL: 27 mg/m3 STEL: 18.8 mg/m3

Chemical name Luxembourg Malta Netherlands Norway Poland

Formic Acid TWA: 5 ppm TWA: 5 ppm STEL: 5 mg/m3 TWA: 5 ppm STEL: 15 mg/m3

TWA: 9 mg/m3 TWA: 9 mg/m3 TWA: 9 mg/m3 TWA: 5 mg/m3

STEL: 10 ppm

STEL: 18 mg/m3

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/m3 TWA: 9 mg/m3 TWA: 9.0 mg/m3 TWA: 9 mg/m3 TWA: 9 mg/m3

STEL: 10 ppm STEL: STEL ppm

STEL: STEL mg/m3

Chemical name Sweden Switzerland United Kingdom Israel - Occupational Turkey

Exposure Limits -

TWAs

Formic Acid NGV: 3 ppm TWA: 5 ppm TWA: 5 ppm 5ppmTWA 5ppmTWA

NGV: 5 mg/m3 TWA: 9.5 mg/m3 TWA: 9.6 mg/m3 9mg/m3TWA

Vägledande KGV: 5 STEL: 10 ppm STEL: 15 ppm

ppm STEL: 19 mg/m3 STEL: 28.8 mg/m3

Vägledande KGV: 9

mg/m3

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 - 9.5 mg/m3 - 9.5 mg/m3

Acetic acid - - - 25 mg/m3
Chemical name Consumer - oral, long-term - Consumer - inhalative, Consumer - dermal, long-term
local long-term - local - local
Formic Acid - 30 mg/m3 -
Acetic acid - 25 mg/m3 -
Chemical name Consumer - oral, long-term - Consumer - inhalative, Consumer - dermal, long-term
systemic long-term - systemic - systemic
Formic Acid - 3 mg/m3 -
Derived No Effect Level (DNEL) Short term.
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/m³
Acetic acid - - - 25 mg/m3
Chemical name Consumer - inhalative, short-term - local Consumer - dermal, short-term - local
Formic Acid 9.5 mg/m³ -
Acetic acid 25 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
Acetic acid 3.058 mg/L 0.306 mg/L 30.58 mg/L
Chemical name Freshwater Marine sediment Sewage Soil Air Oral
sediment treatment plant
Formic Acid 13.4 mg/kg dwt 1.34 mg/kg dwt 7.2 mg/L 1.5 mg/kg dwt - -
Acetic acid 11.36 mg/kg dwt 1.136 mg/kg dwt 85 mg/L 0.47 mg/kg dwt - -
8.2. Exposure controls
Personal Protective Equipment
Eye/face protection Wear safety glasses with side shields (or goggles).
Hand protection Wear suitable gloves.
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. Regular cleaning of equipment, work area and clothing is recommended. 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 green
Odor Pleasant (perfume)
Odor threshold Not applicable

Property	Values	Remarks • Method
Melting point / freezing point	No data available	Not available. This property is not relevant for the safety and classification of this product
Initial boiling point and boiling range	93.2 °C	
Flammability		Not applicable. This property is not relevant for liquid product forms
Flammability Limit in Air		Not available. This property is not relevant for the safety and classification of this product
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	Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature	No Data Available	Not available. This property is not relevant for the safety and classification of this product
pH	2.2	
Dynamic viscosity	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Water solubility	Soluble in water	
Solubility(ies)	No Data Available	Not available. This property is not relevant for the safety and classification of this product
Partition coefficient	No Data Available	Not available. This property is not relevant for the 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
Relative density	1.015	
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
Particle Size	No information available	
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
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 damage. May cause irreversible damage to eyes.
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. Burning. May cause blindness. 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) 16,964.10 mg/kg
ATEmix (inhalation-dust/mist) 573.40 mg/l
Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Formic Acid	730 mg/kg (RAT)	5001 mg/kg (RAT)	8 mg/L (RAT)
Deceth-n	>300-2000 mg/kg	5001 mg/kg (RABBIT)	-

Chemical name	CarcinogenicSpecies	Eye Damage Species	DevelopmentSpecies	Mutagenicity Species	ity al toxicity
Formic Acid	-	-	Y	-	- - - -
Deceth-n	-	-	Y	-	- - - -
Acetic acid	-	-	Y (OECD 405)	-	- - - -
Citric Acid	-	-	Y (OECD 405)	-	- - - -

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

Chemical name	Skin Species sensitizatio	STOT - Target Species single Organs	STOT - Target Species repeated Organs	Aspiration hazard

n exposure exposure
Citric 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 Risk of serious damage to eyes.
Respiratory or skin sensitization Not applicable.
Germ cell mutagenicity None known.
Carcinogenicity None known.
Reproductive toxicity None known.
STOT - single exposure None known.
STOT - repeated exposure None known.
Aspiration hazard Not applicable.
11.2. Information on other hazards
11.2.1. Endocrine disrupting properties
Endocrine disrupting properties 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.
11.2.2. Other information
Other adverse effects None known.
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 0.28688 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Formic Acid	1240 mg/L (OECD 201; Pseudokirchneriella subcapitata; 72 h)	130 mg/L (OECD 203; Danio rerio; 96 h)	>= 46.7 mg/L (Pseudomonas putida; 17 h)	365 mg/L (OECD 202; Daphnia magna; 48 h)
Deceth-n	>= 50 mg/L (OECD 201; Desmodesmus subspicatus (green algae); 72 h)	>= 50 mg/L (LC50; OECD 203; Cyprinus carpio (Carp); 96 h)	>= 140 mg/L (activated sludge; Respiration inhibition)	>= 50 mg/L (EC50; OECD 202; Daphnia magna (Water flea); 48 h)

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	76.7 mg/L (OECD 201; Raphidocelis subcapitata; 3 d)	90 mg/L (OECD 203; Danio rerio; 4 d)	101 mg/L (OECD 211; Daphnia magna; 21 d)	(72 mg/L (EU Method C.3; activated sludge; 13 d) 13 d))	
Acetic acid	>= 300.82 mg/L (ISO 10253; Skeletonema costatum; 3 d)	>= 1000 mg/L (OECD 203; Oncorhynchus mykiss; 4 d)	- (1150 mg/L - (Pseudomonas putida; 0.66 d))		
Citric Acid	-	-	-	> 4000 mg/kg bw (Guideline not indicated; Gallus domesticus; 14 d)	

12.2. Persistence and degradability
Persistence and degradability
Chemical name Ready Biodegradation Abiotic Degradation Abiotic Degradation Biodegradation Other
Test (OECD 301) Hydrolysis Photolysis Tests
Formic Acid 100 % (OECD 301 C; O2; 5.1 31 95 (O2; 20 d)
14 d)
Deceth-n 60 % (; OECD 301B; - - -
aerobic; 28 d)
Acetic acid 96 % (; 20 d) - - T1/2: 2 d (soil; aerobic)
Citric Acid 90 % (OECD 301 D; DOC - - 93 % (OECD 303 A;
removal; 30 d) 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 (EU Method A.8) -
Acetic acid -0.17 3.16
Citric Acid -1.61 (-1.61) -
12.4. Mobility in soil
Mobility in soil
Chemical name log Koc
Formic Acid 17.8 (< 17.8 (OECD 121; 23°C))
Deceth-n 2000 - 5000
Acetic acid 1.153 (1.153)
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 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.
12.7. Other adverse effects
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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 20 01 29* - detergents containing dangerous substances
according to EWC / AVV 15 01 10* - packaging containing residues of or contaminated by dangerous substances
SECTION 14: Transport information
IATA
14.1 UN number or ID number UN1903
14.2 UN proper shipping name DISINFECTANT, LIQUID, CORROSIVE, N.O.S.(Formic acid)
14.3 Transport hazard class(es) 8
14.4 Packing group III
Description UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S.(Formic acid), 8, III
14.5 Environmental hazards Not applicable
14.6 Special precautions for user
Special Provisions A3, A803
Note: The shipper is responsible for identifying any exemptions, including Limited Quantity, that
may apply based on package size.
IMDG
14.1 UN number or ID number UN1903
14.2 UN proper shipping name DISINFECTANT, LIQUID, CORROSIVE, N.O.S.(Formic acid)
14.3 Transport hazard class(es) 8
14.4 Packing group III
Description UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S.(Formic acid), 8, III
14.5 Environmental hazards Not applicable
14.6 Special precautions for user
Special Provisions 223, 274
EmS-No F-A, S-B
14.7 Maritime transport in bulk No information available
according to IMO instruments
Note: The shipper is responsible for identifying any exemptions, including Limited Quantity, that
may apply based on package size.
RID
14.1 UN number or ID number UN1903
14.2 UN proper shipping name DISINFECTANT, LIQUID, CORROSIVE, N.O.S.(Formic acid)
14.3 Transport hazard class(es) 8

14.4 Packing group III
Description UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S.(Formic acid), 8, III
14.5 Environmental hazards Not applicable
14.6 Special precautions for user
Special Provisions 274
Classification code C9
ADR
14.1 UN number or ID number UN1903
14.2 UN proper shipping name DISINFECTANT, LIQUID, CORROSIVE, N.O.S.(Formic acid)
14.3 Transport hazard class(es) 8
14.4 Packing group III
Description UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S.(Formic acid), 8, III
14.5 Environmental hazards Not applicable
14.6 Special precautions for user

Special Provisions 274

Classification code C9

Tunnel restriction code (E)

ADN

14.1 UN number or ID number UN1903

14.2 Extended proper shipping name DISINFECTANT, LIQUID, CORROSIVE, N.O.S.(Formic acid)

Description UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S.(Formic acid), 8, III

14.3 Transport hazard class(es) 8

14.4 Packing group III

14.5 Marine pollutant Not regulated

Classification code C9

Hazard label(s) 8

Limited quantity (LQ) 5 L

Equipment Requirements PP, EP

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)

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)

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

Chemical name Restricted substance per REACH Substance subject to authorization per

Annex XVII REACH Annex XIV

Formic Acid 75. -

Persistent Organic Pollutants

Not applicable

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

Not applicable

EU - Plant Protection Products (1107/2009/EC)
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.
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
Corrosive to metals Calculation method
Issuing Date: 09-May-2022
Revision Date: 09-May-2022
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