

SECTION 1: Identification**1.1 Product identifier**

Trade name : ProteClean Green+
Product form : Mixture
Type of product : Detergent

1.2 Other means of identification

No additional information available

1.3 Recommended use of the chemical and restrictions on use

Recommended use : Professional uses
Commercial cleaner
Cleaning agent

1.4 Details of manufacturer or importer**Manufacturer/Supplier**

Fri-Jado B.V.
Blauwhekken 2
Oud Gastel 4751 XD
Netherlands
T +31 (76) 50 85 400
info@frijado.com

Email competent person

sds@kft.de

Importer

J.L. Lennard Ltd. Unit M.
218 Marua Road Mt
Wellington 1051 Auckland
New Zealand
T 0800 850 085
warehouse@jllennard.co.nz

1.5. Emergency phone number

Emergency number : 0049 621 845799732

New Zealand National Poisons Centre (NPC): 0800 POISON (0800 764 766)

SECTION 2: Hazard identification**2.1. Classification of the hazardous chemical**

HSNO Approval Number : HSR002526

Classification according to the Environmental Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996)

Corrosive to metals, Category 1	H290
Acute toxicity (oral), Category 4	H302
Acute toxicity (dermal), Category 4	H312
Skin corrosion/irritation, Category 1B	H314
Serious eye damage/eye irritation, Category 1	H318
Respiratory sensitisation, Category 1	H334
Specific target organ toxicity – Single exposure, Category 2	H371

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

2.2. GHS Label elements, including precautionary statements

GHS NZ labelling

Hazard pictograms (GHS NZ)



Signal word (GHS NZ) : Danger

Contains : Sodium hydroxide ($\geq 50 - < 70$ %); Disodium carbonate, compound with hydrogen peroxide (2:3) ($\geq 5 - < 10$ %); Tetrasodium (1-hydroxyethylidene)bisphosphonate ($\geq 2.5 - < 5$ %); 1-[2-(3-methoxypropoxy)propoxy]ethoxy]butane ($\geq 1 - < 2.5$ %); subtilisin ($\geq 0.1 - < 0.25$ %)

Hazard statements (GHS NZ) : H290 - May be corrosive to metals
H302+H312 - Harmful if swallowed or in contact with skin
H314 - Causes severe skin burns and eye damage
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H371 - May cause damage to organs (lungs) (Inhalation)

Prevention : P234 - Keep only in original packaging.
P260 - Do not breathe dust.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves, protective clothing, eye protection.

Response : P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER, a doctor.
P390 - Absorb spillage to prevent material damage.

Disposal : P501 - Dispose of hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GHS NZ
Sodium hydroxide	CAS-No.: 1310-73-2	$\geq 50 - < 70$	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318
sodium carbonate	CAS-No.: 497-19-8	$\geq 10 - < 20$	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Disodium carbonate, compound with hydrogen peroxide (2:3)	CAS-No.: 15630-89-4	$\geq 5 - < 10$	Ox. Sol. 2, H272 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Tetrasodium (1-hydroxyethylidene)bisphosphonate	CAS-No.: 3794-83-0	$\geq 2.5 - < 5$	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
1-[2-[2-(3-methoxypropoxy)propoxy]ethoxy]butane	CAS-No.: 9038-95-3	$\geq 1 - < 2.5$	Acute Tox. 4 (Inhalation:dust,mist), H332 STOT RE 2, H373
subtilisin	CAS-No.: 9014-01-1	$\geq 0.1 - < 0.25$	Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention. Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.

4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam.
Unsuitable extinguishing media	: Strong water jet.

5.2. Specific hazards arising from the chemical

Fire hazard	: Non flammable.
Explosion hazard	: Product is not explosive.
General measures	: Absorb spillage to prevent material damage.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Nitrogen oxides. Sulphur oxides. Phosphorus oxides. Metal oxides. Silicon oxide.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Hazchem Code	: 2W
Other information	: Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.
EAC code	: 2W - 2W

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protective equipment.

Emergency procedures : Ventilate spillage area. Avoid contact with skin, eyes and clothing. Do not breathe dust.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

No additional information available

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Do not breathe dust. Do not get in eyes, on skin, or on clothing.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up.

Incompatible materials : Metals.

Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.

Storage area : Base-resistant floor.

Special rules on packaging : Store in original container or corrosive resistant and/or lined container.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Sodium hydroxide (1310-73-2)	
New Zealand - Occupational Exposure Limits	
Local name	Sodium hydroxide
WES-C (OEL C)	2 mg/m ³
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition
subtilisin (9014-01-1)	
New Zealand - Occupational Exposure Limits	
Local name	Subtilisins (Proteolytic enzymes, as 100% pure crystalline enzyme)
WES-C (OEL C)	0.00006 mg/m ³
Remark (NZ)	skin (Skin absorption)
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Exposure limit values for the other components

No additional information available

8.2. Monitoring methods

Monitoring methods : No additional information available.

8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Chemically resistant protective gloves. Nitrile rubber gloves. EN 374. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

Eye protection : Wear closed safety glasses. EN 166. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure

Skin and body protection : Wear suitable protective clothing. EN ISO 13688

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Short term exposure. Dust production: dust mask with filter type P2. EN 143

Environmental exposure controls : Avoid release to the environment.

Other information : Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Always wash hands after handling the product.

SECTION 9: Physical and chemical properties

Physical state : Solid

Appearance : cartridge. Powder.

Colour : Mixture contains one or more component(s) which have the following colour(s): white light brown clear colourless to slightly yellow Green

Odour : Odourless.

Odour threshold : No additional information available

pH : pH solution: 10.5 – 13 (Aqueous solution 1 %)

Evaporation rate : Relative evaporation rate (butylacetate=1): Not applicable

Relative evaporation rate (butylacetate=1) : Not applicable

Melting point / Freezing point : Freezing point: Not applicable

Boiling point : No data available

Flash point : Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : > 80 °C

Flammability (solid, gas) : No additional information available

Vapour pressure : Vapour pressure: Not applicable

Relative density : Relative vapour density at 20 °C: Not applicable

Density : Density: 1080 – 1143 kg/m³

Solubility : Water: Material highly soluble in water

Partition coefficient n-octanol/water (Log Pow) : No data available

Viscosity, kinematic : Not applicable

Viscosity, dynamic : Not applicable

Explosive properties : Product is not explosive.

Oxidising properties : Non oxidizing

Explosive limits : No additional information available

Minimum ignition energy : No data available

VOC content : 0 %

SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: No additional information available
Incompatible materials	: metals.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Toxicity

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Harmful in contact with skin.
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

ATE NZ (oral)	≈ 700 mg/kg bodyweight
ATE NZ (Dermal)	≈ 1700 mg/kg bodyweight

sodium carbonate (497-19-8)

LD50 oral rat	2800 mg/kg
LD50 dermal rabbit	> 2000 mg/kg bodyweight (EPA 16 CFR 1500.40)
LC50 Inhalation - Rat (Dust/Mist)	> 2.3 mg/l (2h; Dust/Mist; male)

Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)

LD50 oral rat	1034 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight

Tetrasodium (1-hydroxyethylidene)bisphosphonate (3794-83-0)

LD50 oral rat	940 mg/kg bodyweight (OECD 401 method)
LD50 dermal rabbit	> 5000 mg/kg bodyweight (OECD 402 method)

1-[2-[2-(3-methoxypropoxy)propoxy]ethoxy]butane (9038-95-3)

LD50 oral rat	300 – 2000 mg/kg bodyweight
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subtilisin (9014-01-1)

LD50 oral rat	1800 mg/kg bodyweight (OECD 201 method)
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Skin corrosion/irritation	: Causes severe skin burns.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: May cause damage to organs (lungs) (Inhalation).
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Not relevant)

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Viscosity, kinematic	Not applicable
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SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general	: Before neutralisation, the product may represent a danger to aquatic organisms.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)
Soil toxicity	: Not classified (Based on available data, the classification criteria are not met)
Terrestrial vertebrate toxicity	: Not classified. (Based on available data, the classification criteria are not met)
Terrestrial invertebrate toxicity	: Not classified (Based on available data, the classification criteria are not met)

Sodium hydroxide (1310-73-2)	
LC50 - Fish [1]	35 – 189 mg/l
EC50 - Crustacea [1]	40.4 mg/l (48 h; Ceriodaphnia sp.)

sodium carbonate (497-19-8)	
LC50 - Fish [1]	300 mg/l (96 h; Lepomis macrochirus (Bluegill))
EC50 - Crustacea [1]	200 – 227 mg/l (48 h; Ceriodaphnia sp.)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (EPA 16 CFR 1500.40)
LD50 oral rat	2800 mg/kg

Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)	
LC50 - Fish [1]	70.7 mg/l (48h; Pimephales promelas)
EC50 - Crustacea [1]	4.9 mg/l (48h; Daphnia pulex)
LD50 dermal rabbit	> 2000 mg/kg bodyweight
LD50 oral rat	1034 mg/kg bodyweight

Tetrasodium (1-hydroxyethylidene)bisphosphonate (3794-83-0)	
LC50 - Fish [1]	2180 mg/l (96 h; Cyprinodon variegatus; (OECD 203 method))
EC50 - Crustacea [1]	527 mg/l (48 h; Daphnia magna; (OECD 202 method))
NOEC chronic crustacea	6.75 mg/l (28 d; Daphnia magna)
Partition coefficient n-octanol/water (Log Pow)	-3 (23 °C; (OECD 107 method))
LD50 dermal rabbit	> 5000 mg/kg bodyweight (OECD 402 method)
LD50 oral rat	940 mg/kg bodyweight (OECD 401 method)

1-[2-[2-(3-methoxypropoxy)propoxy]ethoxy]butane (9038-95-3)	
LC50 - Fish [1]	> 100 mg/l (96 h; Brachydanio rerio (OECD-Richtlinie 203))
EC50 - Crustacea [1]	> 100 mg/l (48 h; Daphnia magna)
EC50 72h algae	> 100 mg/l (72 h; Scenedesmus subspicatus)
LD50 oral rat	300 – 2000 mg/kg bodyweight

subtilisin (9014-01-1)	
LC50 - Fish [1]	8.2 mg/l (96 h; Oncorhynchus mykiss; (OECD 203 method))
EC50 - Crustacea [1]	0.868 mg/l (48 h; Daphnia magna; (OECD 202 method))
ErC50 algae	0.29 mg/l (72 h; Pseudokirchneriella subcapitata; (OECD 201 method))
ErC50 algae	0.29 mg/l (72 h; Pseudokirchneriella subcapitata; (OECD 201 method))
NOEC chronic fish	0.042 mg/l (32 d; Pimephales promelas; (OECD 210 method))
NOEC chronic crustacea	0.019 mg/l (14 d; Daphnia magna; (OECD 211 method))
NOEC chronic algae	0.041 mg/l (72 h; Pseudokirchneriella subcapitata; (OECD 201 method))
Partition coefficient n-octanol/water (Log Pow)	-3.1 (25 °C; (OECD 107 method))
LD50 oral rat	1800 mg/kg bodyweight (OECD 201 method)

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

12.2. Persistence and degradability

ProteClean Green+	
Persistence and degradability	Contained surfactants are biodegradable.
Sodium hydroxide (1310-73-2)	
Persistence and degradability	Not applicable for inorganic substances.
sodium carbonate (497-19-8)	
Persistence and degradability	Not applicable for inorganic substances.
Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)	
Persistence and degradability	Not applicable for inorganic substances.
Tetrasodium (1-hydroxyethylidene)bisphosphonate (3794-83-0)	
Persistence and degradability	Not readily biodegradable.
1-[2-[2-(3-methoxypropoxy)propoxy]ethoxy]butane (9038-95-3)	
Persistence and degradability	Readily biodegradable.
Biochemical oxygen demand (BOD)	> 60 % (28 d; (OECD 301F method))
subtilisin (9014-01-1)	
Persistence and degradability	Readily biodegradable.
Biodegradation	≈ 100 % (29 d; (OECD 301B method))

12.3. Bioaccumulative potential

ProteClean Green+	
Bioaccumulative potential	The product has not been tested.
Sodium hydroxide (1310-73-2)	
Bioaccumulative potential	Not applicable for inorganic substances.
sodium carbonate (497-19-8)	
Bioaccumulative potential	Not applicable for inorganic substances.
Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)	
Bioaccumulative potential	Not applicable for inorganic substances.
Tetrasodium (1-hydroxyethylidene)bisphosphonate (3794-83-0)	
Partition coefficient n-octanol/water (Log Pow)	-3 (23 °C; (OECD 107 method))
Bioaccumulative potential	Bioaccumulation unlikely.
1-[2-[2-(3-methoxypropoxy)propoxy]ethoxy]butane (9038-95-3)	
Bioaccumulative potential	Bioaccumulation unlikely.
subtilisin (9014-01-1)	
Partition coefficient n-octanol/water (Log Pow)	-3.1 (25 °C; (OECD 107 method))
Bioaccumulative potential	Bioaccumulation unlikely.

12.4. Mobility in soil

ProteClean Green+	
Mobility in soil	No additional information available
Ecology - soil	The product has not been tested.

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Sodium hydroxide (1310-73-2)	
Ecology - soil	Expected to be highly mobile in soil.
Tetrasodium (1-hydroxyethylidene)bisphosphonate (3794-83-0)	
Partition coefficient n-octanol/water (Log Pow)	-3 (23 °C; (OECD 107 method))
subtilisin (9014-01-1)	
Partition coefficient n-octanol/water (Log Pow)	-3.1 (25 °C; (OECD 107 method))
Ecology - soil	Expected to be highly mobile in soil.




12.5. Other adverse effects

Ozone	: Not classified (Based on available data, the classification criteria are not met)
Other adverse effects	: No additional information available

SECTION 13: Disposal considerations

Waste treatment methods	: Disposal must be done according to official regulations. Do not discharge into drains or the environment. Do not dispose of with domestic waste.
Product/Packaging disposal recommendations	: Recycle or dispose of in compliance with current legislation.

SECTION 14: Transport information

IMDG	IATA	UNRTDG
14.1. UN number		
1823	1823	1823
14.2. UN Proper Shipping Name		
SODIUM HYDROXIDE, SOLID	Sodium hydroxide, solid	SODIUM HYDROXIDE, SOLID
14.3. Transport hazard class(es)		
8	8	8
		
14.4. Packing group		
II	II	II
14.5. Environmental hazards		
Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available		

14.6. Special precautions for user

Transport by road and rail

Limited quantities (UN RTDG)	: 1 kg
Excepted quantities (UN RTDG)	: E2
Packing instruction (UN RTDG)	: P002, IBC08
Special packing provisions (UN RTDG)	: B2, B4
Portable tank and bulk container special instructions (UN RTDG)	: T3
Portable tank and bulk container special provisions (UN RTDG)	: TP33

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Transport by sea

Limited quantities (IMDG) : 1 kg
Excepted quantities (IMDG) : E2
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage) : S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES

Air transport

PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y844
PCA limited quantity max net quantity (IATA) : 5kg
PCA packing instructions (IATA) : 859
PCA max net quantity (IATA) : 15kg
CAO max net quantity (IATA) : 50kg

14.7. Transport in bulk according to IMO instruments

Not applicable

14.8. Hazchem or Emergency Action Code

EAC code : 2W.
Hazchem Code : 2W

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR002526
Group standard : Cleaning Products Corrosive

Agricultural Compounds and Veterinary Medicines (ACVM) Act 1997

Other information on relevant regulations : New Zealand Inventory of Chemicals.

Sodium hydroxide (1310-73-2)	
Hazardous Substances and New Organisms Act	
HSNO Approval Number	HSR001547

Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)	
Hazardous Substances and New Organisms Act	
HSNO Approval Number	HSR001351

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Issue date : 5/18/2022
Revision date : 18/05/2022

Data sources : Information provided by the manufacturer. MSDSs of the suppliers. European Chemicals Agency, <http://echa.europa.eu/>. HSNO Chemical Classification Information Database (New Zealand).

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Department issuing data specification sheet: : KFT Chemieservice GmbH
Im Leuschnerpark 3
D-64347 Griesheim

Phone: +49 6155-8981-400
Fax: +49 6155 8981-500
SDS Service: +49 6155 8981-522

Contact person : Julia Wack

Abbreviations and acronyms : ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE - Acute Toxicity Estimate
BCF - Bioconcentration factor
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL - Derived Minimal Effect level
DNEL - Derived-No Effect Level
EC50 - Median effective concentration
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods
LC50 - Median lethal concentration
LD50 - Median lethal dose
LOAEL - Lowest Observed Adverse Effect Level
NOAEC - No-Observed Adverse Effect Concentration
NOAEL - No-Observed Adverse Effect Level
NOEC - No-Observed Effect Concentration
OECD - Organisation for Economic Co-operation and Development
PBT - Persistent Bioaccumulative Toxic
PNEC - Predicted No-Effect Concentration
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS - Safety Data Sheet
STP - Sewage treatment plant
TLM - Median Tolerance Limit
vPvB - Very Persistent and Very Bioaccumulative

Other information : Version/s 1.00 is/are not available in this language.

Full text of H-statements	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Ox. Sol. 2	Oxidising Solids, Category 2
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2
H272	May intensify fire; oxidiser
H290	May be corrosive to metals

ProteClean Green+

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H371	May cause damage to organs
H373	May cause damage to organs through prolonged or repeated exposure

KFT SDS NZ 00

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.