

### SECTION 1: Identification

#### 1.1. Identification

Trade name : ProteClean Green

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Professional uses  
 Commercial cleaner

Recommended use : Cleaning additive

#### 1.3. Supplier

##### Manufacturer/Supplier

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

##### Email competent person

[sds@kft.de](mailto:sds@kft.de)

##### Importer

FRIJADO Inc.  
 1401 Davey Road Suite 100  
 Woodridge IL 60517 - USA  
 T +1 877 374 5236  
[us.info@frijado.com](mailto:us.info@frijado.com)

#### 1.4. Emergency telephone number

Emergency number : +49 (0) 700 463 743 62

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Corrosive to metals, Category 1	H290 May be corrosive to metals.
Skin corrosion/irritation, Category 1A	H314 Causes severe skin burns and eye damage.
Serious eye damage/eye irritation, Category 1	H318 Causes serious eye damage.
Respiratory sensitisation, Category 1	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) :  
 H290 - May be corrosive to metals.  
 H314 - Causes severe skin burns and eye damage.  
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements (GHS US) :  
 P234 - Keep only in original container.  
 P260 - Do not breathe dust.  
 P264 - Wash hands thoroughly after handling.  
 P280 - Wear protective gloves, protective clothing, eye protection.  
 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/shower.  
 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.

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P310 - Immediately call a POISON CENTER, a doctor.  
P363 - Wash contaminated clothing before reuse.  
P390 - Absorb spillage to prevent material damage.  
P405 - Store locked up.  
P406 - Store in corrosive resistant container with a resistant inner liner.  
P501 - Dispose of contents/container 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

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
sodium hydroxide	(CAS-No.) 1310-73-2	≥ 50 – < 70	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318
sodium carbonate	(CAS-No.) 497-19-8	≥ 10 – < 20	Eye Irrit. 2A, H319
Disodium carbonate, compound with hydrogen peroxide (2:3)	(CAS-No.) 15630-89-4	≥ 5 – < 10	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Tetrasodium (1-hydroxyethylidene)bisphosphonate	(CAS-No.) 3794-83-0	≥ 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	≥ 1 – < 2.5	Acute Tox. 4 (Oral), H302
subtilisin	(CAS-No.) 9014-01-1	≥ 0.1 – < 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures general : 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. Most important symptoms and effects (acute and delayed)

- 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. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) 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

- 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.
- Other information : Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear personal protective equipment.
- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. 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 material for containment and cleaning up

- Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
- Other information : Disposal must be done according to official regulations.

#### 6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

### 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. Avoid contact with skin and eyes. Do not breathe dust.
- 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. Keep only in original container. Keep container tightly closed. 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/personal protection

#### 8.1. Control parameters

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<b>ProteClean Green</b>	
No additional information available	
<b>Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)</b>	
No additional information available	
<b>sodium carbonate (497-19-8)</b>	
No additional information available	
<b>Tetrasodium (1-hydroxyethylidene)bisphosphonate (3794-83-0)</b>	
No additional information available	
<b>subtilisin (9014-01-1)</b>	
No additional information available	
<b>sodium hydroxide (1310-73-2)</b>	
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Sodium hydroxide
OSHA PEL TWA [1]	2 mg/m <sup>3</sup>
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
<b>1-[2-[2-(3-methoxypropoxy)propoxy]ethoxy]butane (9038-95-3)</b>	
No additional information available	

### 8.2. Appropriate 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.
- Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Chemically resistant protective gloves. For undissolved solid substances following materials may be suitable: Butyl rubber, Chloroprene rubber, Fluoroelastomer (FKM), Nitrile rubber. 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. EN 13034

#### Respiratory protection:

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

#### 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

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

- Physical state : Solid
- Appearance : Powder. cartridge.
- Colour : No data available
- Odour : No data available
- Odour threshold : No data available
- pH : No data available

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pH solution	: 10.5 – 13 (Aqueous solution1 %)
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: Not applicable
Flammability (solid, gas)	: No data available
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: No data available
Density	: 1080 – 1143 kg/m <sup>3</sup>
Solubility	: Water: Material highly soluble in water
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: > 80 °C
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive limits	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing.

### 9.2. Other information

VOC content	: 0 %
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

### 10.5. Incompatible materials

metals.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

ATE US (oral)	> 5000 mg/kg bodyweight
<b>Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)</b>	
LD50 oral rat	1034 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

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<b>Tetrasodium (1-hydroxyethylidene)bisphosphonate (3794-83-0)</b>	
LD50 oral rat	940 mg/kg (OECD 401 method)
LD50 dermal rabbit	> 1650 mg/kg bodyweight (OECD 402 method)
<b>subtilisin (9014-01-1)</b>	
LD50 oral rat	1800 mg/kg
<b>1-[2-[2-(3-methoxypropoxy)propoxy]ethoxy]butane (9038-95-3)</b>	
LD50 oral rat	300 – 2000 mg/kg
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	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Not applicable)
Viscosity, kinematic	: Not applicable
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.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

<b>Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)</b>	
LC50 - Fish [1]	70.7 mg/l (48h; Pimephales promelas)
EC50 - Crustacea [1]	4.9 mg/l (48h; Daphnia pulex)
<b>sodium carbonate (497-19-8)</b>	
LC50 - Fish [1]	300 mg/l (96 h; Lepomis macrochirus (Bluegill))
EC50 - Crustacea [1]	200 – 227 mg/l (48 h; Ceriodaphnia sp.)
<b>Tetrasodium (1-hydroxyethylidene)bisphosphonate (3794-83-0)</b>	
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)
<b>subtilisin (9014-01-1)</b>	
LC50 - Fish [1]	8.2 mg/l (96h; Oncorhynchus mykiss (Rainbow trout))
EC50 - Crustacea [1]	0.868 mg/l (48 h; EC50 48h - Daphnia magna [mg/l]; (OECD 202 method)
NOEC chronic algae	0.041 mg/l (72h; Pseudokirchneriella subcapitata)
<b>sodium hydroxide (1310-73-2)</b>	
LC50 - Fish [1]	35 – 189 mg/l

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<b>sodium hydroxide (1310-73-2)</b>	
EC50 - Crustacea [1]	40.4 mg/l (48 h; Ceriodaphnia sp.)
<b>1-[2-[2-(3-methoxypropoxy)propoxy]ethoxy]butane (9038-95-3)</b>	
LC50 - Fish [1]	> 100 mg/l (96 h; Brachydanio rerio (OECD-Richtlinie 203))
EC50 - Crustacea [1]	> 100 mg/l (48 h; Daphnia magna)

### 12.2. Persistence and degradability

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

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

<b>ProteClean Green</b>	
Ecology - soil	No additional information available.
<b>sodium carbonate (497-19-8)</b>	
Ecology - soil	Expected to be highly mobile in soil.

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### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

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

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

- Transport document description (DOT) : UN1823 Sodium hydroxide, solid, 8, II
- UN-No.(DOT) : UN1823
- Proper Shipping Name (DOT) : Sodium hydroxide, solid
- Class (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136
- Packing group (DOT) : II - Medium Danger
- Hazard labels (DOT) : 8 - Corrosive



- DOT Packaging Non Bulk (49 CFR 173.xxx) : 212
- DOT Packaging Bulk (49 CFR 173.xxx) : 240
- DOT Special Provisions (49 CFR 172.102) : IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2).  
IP2 - When IBCs other than metal or rigid plastics IBCs are used, they must be offered for transportation in a closed freight container or a closed transport vehicle.  
IP4 - Flexible, fiberboard or wooden IBCs must be sift-proof and water-resistant or be fitted with a sift-proof and water-resistant liner.  
T3 - 2.65 178.274(d)(2) Normal..... 178.275(d)(2)  
TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.
- DOT Packaging Exceptions (49 CFR 173.xxx) : 154
- DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 15 kg
- DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 50 kg
- DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.



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DOT Vessel Stowage Other : 52 - Stow "separated from" acids  
Emergency Response Guide (ERG) Number : 154  
Other information : No supplementary information available.

### Transport by sea

Transport document description (IMDG) : UN 1823 SODIUM HYDROXIDE, SOLID (sodium hydroxide), 8, II  
UN-No. (IMDG) : 1823  
Proper Shipping Name (IMDG) : SODIUM HYDROXIDE, SOLID  
Class (IMDG) : 8 - Corrosive substances  
Packing group (IMDG) : II - substances presenting medium danger  
Limited quantities (IMDG) : 1 kg

### Air transport

Transport document description (IATA) : UN 1823 Sodium hydroxide, solid (sodium hydroxide), 8, II  
UN-No. (IATA) : 1823  
Proper Shipping Name (IATA) : Sodium hydroxide, solid  
Class (IATA) : 8 - Corrosives  
Packing group (IATA) : II - Medium Danger

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

subtilisin (9014-01-1)	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
sodium hydroxide (1310-73-2)	
CERCLA RQ	1000 lb
1-[2-[2-(3-methoxypropoxy)propoxy]ethoxy]butane (9038-95-3)	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

### 15.2. International regulations

ProteClean Green
No additional information available

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

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Component	State or local regulations
sodium hydroxide(1310-73-2)	U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List

### SECTION 16: Other information

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Data sources : Information provided by the manufacturer. ECHA (European Chemicals Agency). MSDSs of the suppliers.

Department issuing data specification sheet: : KFT Chemieservice GmbH  
Im Leuschnerpark. 3 64347 Griesheim  
Germany

Phone: +49 6155-8981-400 Fax: +49 6155 8981-500  
Safety Data Sheet Service: +49 6155 8981-522

Contact person : Julia Wack

Full text of H-statements:

H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.

Abbreviations and acronyms:

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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

KFT SDS US 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.*