

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

1.1. Product identifier

Product form : Mixtures
Product name : ClearGreen F40 Stripper Extra
Product code : 270212
Type of product : Detergent

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

1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use
Industrial/Professional use spec : Wide dispersive use
Use of the substance/mixture : The information given in this MSDS concerns the product and is given on the assumption mentioned in section 1.1, that the product will be used in the manner and for the purposes indicated by the manufacturer.
Use of the substance/mixture : Cleaners, liquids (all purpose cleaners, sanitary products, floor cleaners, glass cleaners, carpet cleaners, metal cleaners)
Function or use category : Cleaning/washing agents and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Distributor

Carel Lurvink B.V.
Marssteden 40
7547 TC Enschede - Nederland
T +31 (0)53-4344343 - F +31 (0)53-4337105
info@carellurvink.nl - www.carellurvink.nl

1.4. Emergency telephone number

Emergency number : +31 (0)53-4344343 (tijdens kantooruren)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Corrosive to metals, Category 1 H290

Skin corrosion/irritation, Category 1A H314

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

May be corrosive to metals. Causes severe skin burns and eye damage.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger
Hazardous ingredients : Butoxydiglycol; Triethanolamine; Silicic acid (H₂SiO₃), disodium salt, pentahydrate
Hazard statements (CLP) : H290 - May be corrosive to metals
H314 - Causes severe skin burns and eye damage
Precautionary statements (CLP) : P280 - Wear eye protection, protective gloves, Protective clothing, Face shield
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
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

P310 - Immediately call a doctor, a POISON CENTER

P390 - Absorb spillage to prevent material damage

EUH-statements

: EUH210 - Safety data sheet available on request

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate	(CAS No) 6834-92-0 (EC No) 229-912-9 (EC Index No) 014-010-00-8 (REACH-no) 01-2119449811-37	5 - 10	Met. Corr. 1, H290 Skin Corr. 1B, H314 STOT SE 3, H335
Butoxydiglycol	(CAS No) 112-34-5 (EC No) 203-961-6 (EC Index No) 603-096-00-8 (REACH-no) 01-2119475104-44	5 - 10	Eye Irrit. 2, H319
Benzyl alcohol	(CAS No) 100-51-6 (EC No) 202-859-9 (EC Index No) 603-057-00-5 (REACH-no) 01-2119492630-38	1 - 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Triethanolamine	(CAS No) 102-71-6 (EC No) 203-049-8 (REACH-no) 01-2119486482-31	1 - 5	Eye Irrit. 2, H319 Skin Irrit. 2, H315
2-Butoxyethanol	(CAS No) 111-76-2 (EC No) 203-905-0 (EC Index No) 603-014-00-0 (REACH-no) 01-2119475108-36	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 Skin Irrit. 2, H315
Sodium p-cumenesulphonate	(CAS No) 15763-76-5 (EC No) 239-854-6 (REACH-no) 01-2119489411-37	1 - 5	Eye Irrit. 2, H319
Isotridecanol, ethoxylated (8 EO)	(CAS No) 9043-30-5 (EC No) 500-027-2 (REACH-no) 02-2119552461-55	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after skin contact	: Take off immediately all contaminated clothing and wash it before reuse. Immediately call a POISON CENTER or doctor/physician. Rinse skin with water/shower. Remove/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	: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/injuries	: Causes severe skin burns and eye damage.
Symptoms/injuries after inhalation	: Inhalation may cause irritation (cough, short breathing, difficulty in breathing).
Symptoms/injuries after skin contact	: Burns.
Symptoms/injuries after eye contact	: Serious damage to eyes.
Symptoms/injuries after ingestion	: Burns.

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

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.
Hazardous decomposition products in case of fire : Corrosive vapours. Carbon monoxide. Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Clean up any spills as soon as possible, using an absorbent material to collect it.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Absorb spilled material with sand or earth. Absorb remaining liquid with sand or inert absorbent and remove to safe place.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
Hygiene measures : Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.
Storage conditions : Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up.
Incompatible products : Strong acids. Oxidizing agent.
Incompatible materials : Metals.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Butoxydiglycol (112-34-5)		
EU	Local name	2-(2-Butoxyethoxy)ethanol
EU	IOELV TWA (mg/m ³)	67,5 mg/m ³
EU	IOELV TWA (ppm)	10 ppm
EU	IOELV STEL (mg/m ³)	101,2 mg/m ³
EU	IOELV STEL (ppm)	15 ppm
United Kingdom	Local name	2-(2-Butoxyethoxy)ethanol
United Kingdom	WEL TWA (mg/m ³)	67,5 mg/m ³
United Kingdom	WEL TWA (ppm)	10 ppm
United Kingdom	WEL STEL (mg/m ³)	101,2 mg/m ³

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

Butoxydiglycol (112-34-5)		
United Kingdom	WEL STEL (ppm)	15 ppm
2-Butoxyethanol (111-76-2)		
EU	Local name	2-Butoxyethanol
EU	IOELV TWA (mg/m ³)	98 mg/m ³
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m ³)	246 mg/m ³
EU	IOELV STEL (ppm)	50 ppm
EU	Notes	Skin
United Kingdom	Local name	2-Butoxyethanol
United Kingdom	WEL TWA (mg/m ³)	123 mg/m ³
United Kingdom	WEL TWA (ppm)	25 ppm
United Kingdom	WEL STEL (mg/m ³)	246 mg/m ³
United Kingdom	WEL STEL (ppm)	50 ppm
United Kingdom	Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2)

DL-Alanine-N,N-diacetic acid trisodium salt (164462-16-2)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	40 mg/m ³
Acute - local effects, inhalation	40 mg/m ³
Long-term - local effects, inhalation	4 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	20 mg/m ³
Acute - systemic effects, oral	85 mg/kg bodyweight
Acute - local effects, inhalation	20 mg/m ³
Long-term - systemic effects, oral	17 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	20 mg/m ³
Long-term - local effects, inhalation	2 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	2 mg/l
PNEC aqua (marine water)	0,2 mg/l
PNEC aqua (intermittent, freshwater)	1 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	24 mg/kg dwt
PNEC (Soil)	
PNEC soil	2.5 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	100 mg/l

Sodium hydroxide (1310-73-2)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	1 mg/m ³
DNEL/DMEL (General population)	
Long-term - local effects, inhalation	1 mg/m ³

Butoxydiglycol (112-34-5)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	≈ 20 mg/kg bodyweight/day
Acute - local effects, inhalation	≈ 101,2 mg/m ³
Long-term - systemic effects, inhalation	≈ 67,5 mg/m ³
Long-term - local effects, inhalation	≈ 67,5 mg/m ³
DNEL/DMEL (General population)	
Acute - local effects, inhalation	≈ 50,6 mg/m ³
Long-term - systemic effects, oral	≈ 1,25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	≈ 34 mg/m ³
Long-term - systemic effects, dermal	≈ 10 mg/kg bodyweight/day
Long-term - local effects, inhalation	≈ 34 mg/m ³
PNEC (Water)	

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

Butoxydiglycol (112-34-5)	
PNEC aqua (freshwater)	≈ 1 mg/l
PNEC aqua (marine water)	≈ 0,1 mg/l
PNEC aqua (intermittent, freshwater)	≈ 3,9 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	≈ 4 mg/kg dwt
PNEC sediment (marine water)	≈ 0,4 mg/kg dwt
PNEC (Soil)	
PNEC soil	≈ 0,4 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	≈ 200 mg/l
2-Butoxyethanol (111-76-2)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	≈ 125 mg/kg bodyweight/day
Acute - systemic effects, inhalation	≈ 1091 mg/m ³
Acute - local effects, inhalation	≈ 246 mg/m ³
Long-term - systemic effects, dermal	≈ 125 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	≈ 98 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	≈ 89 mg/kg bodyweight
Acute - systemic effects, inhalation	≈ 426
Acute - systemic effects, oral	≈ 26,7 mg/kg bodyweight
Acute - local effects, inhalation	≈ 147 mg/m ³
Long-term - systemic effects, oral	≈ 6,3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	≈ 59 mg/m ³
Long-term - systemic effects, dermal	≈ 75 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	8,8 mg/l
PNEC aqua (marine water)	0,88 mg/l
PNEC aqua (intermittent, freshwater)	9,1 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	34,6 mg/kg dwt
PNEC sediment (marine water)	3,46 mg/kg dwt
PNEC (Soil)	
PNEC soil	2,33 mg/kg dwt
Triethanolamine (102-71-6)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	6,3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5 mg/m ³
Long-term - local effects, inhalation	5 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	13 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1,25 mg/m ³
Long-term - systemic effects, dermal	3,1 mg/kg bodyweight/day
Long-term - local effects, inhalation	1,25 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0,32 mg/l
PNEC aqua (marine water)	0,032 mg/l
PNEC aqua (intermittent, freshwater)	5,12 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	1,7 mg/kg dwt
PNEC sediment (marine water)	0,17 mg/kg dwt
PNEC (Soil)	
PNEC soil	0,151 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l
Silicic acid (H₂SiO₃), disodium salt, pentahydrate (6834-92-0)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	1,49 mg/kg bodyweight/day

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

Silicic acid (H₂SiO₃), disodium salt, pentahydrate (6834-92-0)

Long-term - systemic effects, inhalation	6,22 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0,74 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1,55 mg/m ³
Long-term - systemic effects, dermal	0,74 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	7,5 mg/l
PNEC aqua (marine water)	1 mg/l
PNEC aqua (intermittent, freshwater)	7,5 mg/l
PNEC (STP)	
PNEC sewage treatment plant	1000 mg/l

Sodium p-cumenesulphonate (15763-76-5)

DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	7,6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	53,6 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	3,8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	13,2 mg/m ³
Long-term - systemic effects, dermal	3,8 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0,23 mg/l
PNEC aqua (intermittent, freshwater)	2,3 mg/l
PNEC (STP)	
PNEC sewage treatment plant	100 mg/l

8.2. Exposure controls

Hand protection:

Protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	2 (> 30 minutes)	0,4	2 (< 1.5)	EN 374

Eye protection:

Safety glasses

Type	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

Skin and body protection:

Chemical resistant apron. Chemical resistant safety shoes

Respiratory protection:

In case of inadequate ventilation wear respiratory protection

Device	Filter type	Condition	Standard
Full face respirator	ABEK, Type P2	Vapour protection	EN 140



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: clear.
Colour	: Yellow.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 13

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,03 g/cm ³
Solubility	: completely soluble.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: < 20 mPa.s
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

Reacts vigorously with strong oxidizers and acids.

10.4. Conditions to avoid

High temperature.

10.5. Incompatible materials

metals.

10.6. Hazardous decomposition products

Corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Isotridecanol, ethoxylated (8 EO) (9043-30-5)	
LD50 oral	> 500 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight
Butoxydiglycol (112-34-5)	
LD50 oral rat	≈ 3305 mg/kg
LD50 oral	5660 mg/kg bodyweight
LD50 dermal rabbit	≈ 2764 mg/kg
LD50 dermal	2764 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 196 mg/l/4h
2-Butoxyethanol (111-76-2)	
LD50 oral	1746 mg/kg bodyweight
LD50 dermal	435 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	2200 mg/l/4h
Triethanolamine (102-71-6)	
LD50 oral	8000 mg/kg bodyweight
LD50 dermal	> 10000 mg/kg bodyweight

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

Triethanolamine (102-71-6)	
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 1,8 mg/m ³
Silicic acid (H₂SiO₃), disodium salt, pentahydrate (6834-92-0)	
LD50 oral rat	1200 mg/kg
LD50 dermal rat	> 5000 mg/kg
Sodium p-cumenesulphonate (15763-76-5)	
LD50 oral rat	7200 mg/kg
LD50 dermal rat	2000 mg/kg
Benzyl alcohol (100-51-6)	
LD50 oral	1230 mg/kg bodyweight
LD50 dermal	2000 mg/kg bodyweight

Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: 13
Serious eye damage/irritation	: Serious eye damage, category 1, implicit pH: 13
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

ClearGreen F40 Stripper Extra	
Viscosity, kinematic	< 19,41747573 mm ² /s

SECTION 12: Ecological information

12.1. Toxicity

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

Isotridecanol, ethoxylated (8 EO) (9043-30-5)	
LC50 fish 1	> 1 mg/l
EC50 other aquatic organisms 1	> 1 mg/l EC50 waterflea (48 h)
Butoxydiglycol (112-34-5)	
LC50 fish 1	1300 mg/l
EC50 other aquatic organisms 1	1000 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	100 mg/l IC50 alga (72 h) mg/l
2-Butoxyethanol (111-76-2)	
LC50 fish 1	1474 mg/l
EC50 other aquatic organisms 1	1550 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	911 mg/l IC50 alga (72 h) mg/l
Triethanolamine (102-71-6)	
LC50 fish 1	11800 mg/l
EC50 other aquatic organisms 1	2038 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	216 mg/l IC50 alga (72 h) mg/l
ErC50 (algae)	512 mg/l
Silicic acid (H₂SiO₃), disodium salt, pentahydrate (6834-92-0)	
LC50 fish 1	210 mg/l
EC50 Daphnia 1	1700 mg/l
Sodium p-cumenesulphonate (15763-76-5)	
LC50 fish 1	1000 mg/l
EC50 Daphnia 1	1000 mg/l
Benzyl alcohol (100-51-6)	
LC50 fish 1	460 mg/l
EC50 other aquatic organisms 1	230 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	500 mg/l IC50 alga (72 h) mg/l

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

12.2. Persistence and degradability

ClearGreen F40 Stripper Extra	
Persistence and degradability	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.
Butoxydiglycol (112-34-5)	
Biodegradation	≈ 89 - 93 % OECD 301 C
Triethanolamine (102-71-6)	
BOD (% of ThOD)	97 % ThOD
Sodium p-cumenesulphonate (15763-76-5)	
Biodegradation	> 90 % OECD 301 E

12.3. Bioaccumulative potential

Butoxydiglycol (112-34-5)	
Log Pow	0,3 - 4,69
2-Butoxyethanol (111-76-2)	
Log Pow	0,81
Triethanolamine (102-71-6)	
Bioconcentration factor (BCF REACH)	< 3,9
Log Pow	-2,3
Benzyl alcohol (100-51-6)	
Log Pow	11

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Empty containers can be dumped after cleaning according to local legislation. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information






In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
3266	3266	3266	3266	3266
14.2. UN proper shipping name				
CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate)	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate)	Corrosive liquid, basic, inorganic, n.o.s. (Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate)	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate)	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate)
Transport document description				
UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate), 8, III, (E)	UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate), 8, III	UN 3266 Corrosive liquid, basic, inorganic, n.o.s. (Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate), 8, III	UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate), 8, III	UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Silicic acid (H ₂ SiO ₃), disodium salt, pentahydrate), 8, III
14.3. Transport hazard class(es)				
8	8	8	8	8

ClearGreen F40 Stripper Extra


Safety Data Sheet

according to Regulation (EU) 2015/830

ADR	IMDG	IATA	ADN	RID
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Classification code (ADR)	: C5
Special provisions (ADR)	: 274
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T7
Portable tank and bulk container special provisions (ADR)	: TP1, TP28
Tank code (ADR)	: L4BN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Hazard identification number (Kemler No.)	: 80
Orange plates	: 
Tunnel restriction code (ADR)	: E
EAC code	: 2X
APP code	: B

- Transport by sea

Special provisions (IMDG)	: 223, 274
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP1, TP28
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: A
Stowage and handling (IMDG)	: SW2
Segregation (IMDG)	: SG35
Properties and observations (IMDG)	: Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

- Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y841
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 852
PCA max net quantity (IATA)	: 5L

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

CAO packing instructions (IATA) : 856
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 8L

- Inland waterway transport

Classification code (ADN) : C5
Special provisions (ADN) : 274
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EP
Number of blue cones/lights (ADN) : 0

- Rail transport

Classification code (RID) : C5
Special provisions (RID) : 274
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, IBC03, LP01, R001
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T7
Portable tank and bulk container special provisions (RID) : TP1, TP28
Tank codes for RID tanks (RID) : L4BN
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 80

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

Allergenic fragrances > 0,01%:

Benzyl alcohol

Detergent Regulation : Labelling of contents:

Component	%
non-ionic surfactants	<5%
Benzisothiazolinone	
Methylisothiazolinone	

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out

Butoxydiglycol

SECTION 16: Other information

Abbreviations and acronyms:

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

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
STP	Sewage treatment plant
TLM	Median Tolerance Limit
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), 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
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H290	May be corrosive to metals
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
H335	May cause respiratory irritation
EUH210	Safety data sheet available on request

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Met. Corr. 1	H290	Calculation method
Skin Corr. 1A	H314	On basis of test data

ClearGreen F40 Stripper Extra

Safety Data Sheet

according to Regulation (EU) 2015/830

SDS EU (REACH Annex II)

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