

**STAMMOPUR R**

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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UFI: XH00-60WF-D006-TC80

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

Cleaning agent. Instrument cleaner for the ultrasonic bath, concentrate.  
Restricted to professional users.

**1.3. Details of the supplier of the safety data sheet**

Company name: DR.H.STAMM GmbH Chemische Fabrik  
Street: Heinrichstr. 3 – 4  
Place: D-12207 Berlin, GERMANY  
Telephone: +49 30 76880-280  
E-mail: info@dr-stamm.de  
Internet: www.dr-stamm.de  
Responsible Department: sdb@dr-stamm.de, Tel.: +49 30 76880-258

**1.4. Emergency telephone number:** 24-hours-emergency: Giftnotruf Berlin: +49 30 30686700 (german, english)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

Sulfonic acids, C14-17-sec-alkane, sodium salts

**Signal word:** Danger**Pictograms:****Hazard statements**

H318 Causes serious eye damage.

**Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**2.3. Other hazards**

The mixture does not contain substances  $\geq 0.1\%$  of substances that have endocrine disrupting properties according to Regulation (EC) No. 1907/2006, Article 59(1) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

**SECTION 3: Composition/information on ingredients**

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**3.2. Mixtures****Relevant ingredients**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
7732-18-5	Water			60-80 %
	231-791-2			
68920-66-1	C16-C18 Fatty alcohol, ethoxylated			<10,0 %
	-		*	
	Eye Irrit. 2; H319			
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts			<7,5 %
	307-055-2		01-2119489924-20	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			<5,0 %
	200-661-7		01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt			<5,0 %
	257-573-7		01-2119493601-38	
	Met. Corr. 1; H290			
95-14-7	1,2,3-Benzotriazole			<3,0 %
	202-394-1		01-2119979079-20	
	Acute Tox. 4, Eye Irrit. 2, Aquatic Chronic 2; H302 H319 H411			

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
68920-66-1	-	C16-C18 Fatty alcohol, ethoxylated	<10,0 %
		oral: LD50 = >2000 mg/kg	
97489-15-1	307-055-2	Sulfonic acids, C14-17-sec-alkane, sodium salts	<7,5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = 500-2000 mg/kg	
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	<5,0 %
		inhalation: LC50 = >20 mg/l (vapours); dermal: LD50 = 13100 mg/kg; oral: LD50 = 5840 mg/kg	
51981-21-6	257-573-7	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt	<5,0 %
		oral: LD50 = >5000 mg/kg	
95-14-7	202-394-1	1,2,3-Benzotriazole	<3,0 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = 500 mg/kg	

**Labelling for contents according to Regulation (EC) No 648/2004**

5 % - &lt; 15 % non-ionic surfactants, perfumes.

**Further Information**

\*Polymer

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Change contaminated clothing.

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**After inhalation**

In case of inhaling spray mist, consult a physician.

**After contact with skin**

After contact with skin, wash immediately with plenty of Water and soap.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink large quantities of water. Do NOT induce vomiting. Consult physician.

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

No known symptoms to date.

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water. Foam. Atomized water.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

In case of fire may be liberated: Nitrogen oxides (NOx). Carbon dioxide (CO2).

**5.3. Advice for firefighters**

Protective clothing.

**Additional information**

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Wear personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

See protective measures under point 7 and 8.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

No special technical protective measures are necessary.

**Advice on protection against fire and explosion**

The product is not: Oxidizing. Flammable. explosive.

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**Advice on general occupational hygiene**

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and after work.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Store only in original container. Keep away from food, drink and animal feedingstuffs.

**7.3. Specific end use(s)**

Cleaning agent.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

**DNEL/DMEL values**

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts			
Worker DNEL, acute		dermal	local	2,8 mg/cm²
Worker DNEL, long-term		dermal	systemic	5 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	35 mg/m³
Worker DNEL, long-term		dermal	local	2,8 mg/cm²
Consumer DNEL, acute		dermal	local	2,8 mg/cm²
Consumer DNEL, long-term		dermal	systemic	3,57 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	12,4 mg/m³
Consumer DNEL, long-term		oral	systemic	7,1 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	2,8 mg/cm²
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	888 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	500 mg/m³
Consumer DNEL, long-term		inhalation	systemic	89 mg/m³

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**PNEC values**

CAS No	Substance	
Environmental compartment		Value
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts	
Freshwater		0,04 mg/l
Freshwater (intermittent releases)		0,06 mg/l
Marine water		0,004 mg/l
Freshwater sediment		9,4 mg/kg
Marine sediment		0,94 mg/kg
Soil		9,4 mg/kg
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
Freshwater		140,9 mg/l
Freshwater (intermittent releases)		140,9 mg/l
Marine water		140,9 mg/l
Freshwater sediment		552 mg/kg
Marine sediment		552 mg/kg
Soil		28 mg/kg

**8.2. Exposure controls****Appropriate engineering controls**

Refer to chapter 7. No further action is necessary.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear safety goggles/face protection.

**Hand protection**

Suitable material:

PE (polyethylene). Layer thickness: 0,5 mm penetration time (maximum wearing period):  $\geq 8$ hCR (polychloroprenes, Chloroprene rubber). 0,5 mm penetration time (maximum wearing period):  $\geq 8$ hNBR (Nitrile rubber). 0,35 mm penetration time (maximum wearing period):  $\geq 8$ hButyl rubber. FKM (Fluoroelastomer (Viton)). 0,5 mm penetration time (maximum wearing period):  $\geq 8$ h

Breakthrough times and swelling properties of the material must be taken into consideration.

Recommended protective gloves brand: Camapren 722, Manufacturer: KCL, Or comparable articles from other companies.

**Skin protection**

Body protection: not required.

**Respiratory protection**

Respiratory protection not required.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	clear, light yellow
Odour:	characteristic
Odour threshold:	not determined

Melting point/freezing point:

**Test method**  
-8 °C

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Boiling point or initial boiling point and boiling range:	>100 °C
Flammability:	non-flammable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Flash point:	>80 °C
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value (at 20 °C):	9,5 (1 %) DGF H-III 1
Viscosity / kinematic:	not determined
Water solubility:	complete miscible
Solubility in other solvents	
not determined	
Dissolution rate:	not determined
Partition coefficient n-octanol/water:	not determined
Dispersion stability:	not determined
Vapour pressure:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	1,041 g/cm³ DIN 12791
Bulk density:	not applicable DIN ISO 3507
Relative vapour density:	not determined
Particle characteristics:	not applicable

#### 9.2. Other information

##### Information with regard to physical hazard classes

Explosive properties

not Explosive.

Sustaining combustion:

No data available

Oxidizing properties

not oxidizing.

##### Other safety characteristics

Evaporation rate:

not determined

Sublimation point:

not determined

Softening point:

not determined

Pour point:

not determined

Viscosity / dynamic:

not determined

Flow time:

not determined

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

None, in case of proper use.

#### 10.2. Chemical stability

The product is chemically stable under normal ambient conditions.

#### 10.3. Possibility of hazardous reactions

None, in case of proper use.

#### 10.4. Conditions to avoid

Thermal decomposition can lead to the escape of irritating gases and vapors.

#### 10.5. Incompatible materials

acid, concentrated.

#### 10.6. Hazardous decomposition products

None, in case of proper use.

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## Further information

Do not mix with other products.

## SECTION 11: Toxicological information

## 11.1. Information on hazard classes as defined in GB CLP Regulation

## Acute toxicity

Based on available data, the classification criteria are not met.

## ATEmix calculated

ATE (oral) &gt; 5000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68920-66-1	C16-C18 Fatty alcohol, ethoxylated				
	oral	LD50 >2000 mg/kg	Ratte		
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts				
	oral	LD50 500-2000 mg/kg	rat		OECD 401
	dermal	LD50 >2000 mg/kg	mouse		
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 5840 mg/kg	rat		OECD 401
	dermal	LD50 13100 mg/kg	kan		OECD 402
	inhalation (4 h) vapour	LC50 >20 mg/l	rat		OECD 403
51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt				
	oral	LD50 >5000 mg/kg	rat		Calculated
95-14-7	1,2,3-Benzotriazole				
	oral	LD50 500 mg/kg	rat	ECHA	OECD 423
	dermal	LD50 >2000 mg/kg	rat	ECHA	OECD 402

## Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Risk of serious damage to eyes.

## Sensitising effects

Based on available data, the classification criteria are not met.

no danger of sensitization.

## Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

## STOT-single exposure

Based on available data, the classification criteria are not met.

## STOT-repeated exposure

Based on available data, the classification criteria are not met.

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**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2. Information on other hazards****Other information**

The mixture does not contain substances  $\geq 0.1\%$  of substances that have endocrine disrupting properties according to Regulation (EC) No. 1907/2006, Article 59(1) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

**SECTION 12: Ecological information****12.1. Toxicity**

Based on available data, the classification criteria are not met.

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
68920-66-1	C16-C18 Fatty alcohol, ethoxylated					
	Acute fish toxicity	LC50 30 mg/l	96 h			(CESIO 10/2015 (Env. class.))
	Acute crustacea toxicity	EC50 >1000 mg/l	48 h	Daphnia magna		(CESIO 10/2015 (Env. class.))
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts					
	Acute fish toxicity	LC50 8,4 mg/l	96 h	Leuciscus idus		OECD 201
	Acute algae toxicity	ErC50 >61 mg/l	72 h	Desmodesmus subspicatus		OECD 201
	Acute crustacea toxicity	EC50 9,81 mg/l	48 h	Daphnia magna		OECD 202
	Fish toxicity	NOEC 0,85 mg/l	28 d	Oncorhynchus mykiss		OECD 204
	Crustacea toxicity	NOEC 0,36 mg/l	22 d	Daphnia magna		OECD 202
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50 9640 mg/l	96 h	Pimephales promelas	ECHA	OECD 203
	Acute bacteria toxicity	EC50 >100 mg/l ( )				
51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt					
	Acute fish toxicity	LC50 >100 mg/l	96 h	Oncorhynchus mykiss		OECD 203
	Acute algae toxicity	ErC50 >100 mg/l	72 h	Desmodesmus subspicatus	OECD 201	
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnien		OECD 202
95-14-7	1,2,3-Benzotriazole					
	Acute fish toxicity	LC50 180 mg/l	96 h	Danio rerio		OECD 203
	Acute algae toxicity	ErC50 75 mg/l	72 h	Selenastrum capricornutum		OECD 201
	Acute crustacea toxicity	EC50 15,8 mg/l	48 h	Daphnia galeata		OECD 202

**12.2. Persistence and degradability**

The surfactants contained in this preparation 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



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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.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
68920-66-1	C16-C18 Fatty alcohol, ethoxylated			
	OECD 301D	>70 %	28	
	Leicht biologisch abbaubar			
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts			
	OECD 301 B	78 %	28	
	leicht biologisch abbaubar			
	OECD 301 E	98 %	28	
	leicht biologisch abbaubar			
	OECD 303 A	96,2 %	34	
	leicht biologisch abbaubar			
51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt			
	OECD 301D	76 %	28	
95-14-7	1,2,3-Benzotriazole			
	OECD 3101D	0 %	28	
	Not easily biodegradable			

**12.3. Bioaccumulative potential**

On the basis of existing data about disposal/decomposition and bio-accumulation potential, long term environmental damage is unlikely.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt	-11,95

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.  
not applicable

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No data available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

**List of Wastes Code - residues/unused products**

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

**List of Wastes Code - used product**

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180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing hazardous substances; hazardous waste

#### Contaminated packaging

Completely emptied packings can be re-cycled.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

#### 14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

#### Other applicable information

Not a hazardous material with respect to transportation regulations.

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2004/42/EC on VOC in paints and varnishes:	4,9 % (49,49 g/l)
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##### National regulatory information

Water hazard class (D):	2 - obviously hazardous to water
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#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

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## SECTION 16: Other information

## Changes

Data changed from previous versions: 1.4., 2.3., 7.3., 9.1., 9.2., 10.6., 11.2., 14.

## Abbreviations and acronyms

Met. Corr: Corrosive to metals

Flam. Liq: Flammable liquids

Acute Tox: Acute toxicity

Skin Irrit: Skin irritation

Eye Dam: Eye damage

Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure

Aquatic Chronic: Chronic aquatic hazard

## Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method

## Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

## Further Information

Training instructions: Follow the instructions for use on the label.

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

## Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	STAMMOPUR R	PW	20	35	8a, 9, 13	8a	0	26	

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)