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

1.1. Product identifier

STAMMOPUR RD 5

UFI: 8M00-Q0KU-P00P-FPU2

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

Skin Irrit. 2; H315
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
Sodium hydroxide; caustic soda

Signal word: Danger

Pictograms:

Hazard statements

H315	Causes skin irritation.
H318	Causes serious eye damage.

Precautionary statements

P280	Wear protective gloves/protective clothing and eye protection/face 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 >=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

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			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			<6,5 %
	200-661-7		01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts			<6,0 %
	307-055-2		01-2119489924-20	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412			
68920-66-1	C16-C18 Fatty alcohol, ethoxylated			<6,0 %
	-		*	
	Eye Irrit. 2; H319			
90-43-7	2-hydroxybiphenyl, 2-phenylphenol (ISO), biphenyl-2-ol			<5,0 %
	201-993-5	604-020-00-6	01-2119511183-53	
	Self-heat. 1, Acute Tox. 4, Skin Corr. 1A, Eye Dam. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1; H251 H302 H314 H318 H335 H400 H410			
51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt			<3,0 %
	257-573-7		01-2119493601-38	
	Met. Corr. 1; H290			
1310-73-2	Sodium hydroxide; caustic soda			<2,0 %
	215-185-5	011-002-00-6	01-2119457892-27	
	Skin Corr. 1A; H314			

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		
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	<6,5 %
	inhalation: LC50 = >20 mg/l (vapours); dermal: LD50 = 13100 mg/kg; oral: LD50 = 5840 mg/kg		
97489-15-1	307-055-2	Sulfonic acids, C14-17-sec-alkane, sodium salts	<6,0 %
	dermal: LD50 = >2000 mg/kg; oral: LD50 = 500-2000 mg/kg		
68920-66-1	-	C16-C18 Fatty alcohol, ethoxylated	<6,0 %
	oral: LD50 = >2000 mg/kg		
90-43-7	201-993-5	2-hydroxybiphenyl, 2-phenylphenol (ISO), biphenyl-2-ol	<5,0 %
	dermal: LD50 = >5000 mg/kg; oral: LD50 = 591 mg/kg		
51981-21-6	257-573-7	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt	<3,0 %
	oral: LD50 = >5000 mg/kg		
1310-73-2	215-185-5	Sodium hydroxide; caustic soda	<2,0 %
	oral: LD50 = 2000 mg/kg Skin Corr. 1A; H314: >= 5 - 100 Skin Corr. 1B; H314: >= 2 - < 5 Skin Irrit. 2; H315: >= 0,5 - < 2 Eye Irrit. 2; H319: >= 0,5 - < 2		

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

5 % - < 15 % non-ionic surfactants.

Further Information

*Polymer

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated clothing.

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

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an opthalmologist.

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.

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/m³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL
1310-73-2	Sodium hydroxide	-	2		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
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
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
90-43-7	2-hydroxybiphenyl, 2-phenylphenol (ISO), biphenyl-2-ol			
Worker DNEL, long-term		dermal	systemic	21,84 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	19,25 mg/m³
Consumer DNEL, long-term		oral	systemic	0,4 mg/kg bw/day
1310-73-2	Sodium hydroxide; caustic soda			
Worker DNEL, long-term		inhalation	local	1 mg/m³
Consumer DNEL, long-term		inhalation	local	1 mg/m³

PNEC values

CAS No	Substance
Environmental compartment	Value
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
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
90-43-7	2-hydroxybiphenyl, 2-phenylphenol (ISO), biphenyl-2-ol
Freshwater	0,0009 mg/l
Freshwater (intermittent releases)	0,027 mg/l
Marine water	0,00009 mg/l
Freshwater sediment	0,1284 mg/kg
Marine sediment	0,01284 mg/kg
Secondary poisoning	1,87 mg/kg
Micro-organisms in sewage treatment plants (STP)	0,56 mg/l
Soil	2,5 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): >=8h
CR (polychloroprenes, Chloroprene rubber). 0,5 mm penetration time (maximum wearing period): >=8h
NBR (Nitrile rubber). 0,35 mm penetration time (maximum wearing period): >=8h
Butyl rubber. FKM (Fluoroelastomer (Viton)). 0,5 mm penetration time (maximum wearing period): >=8h

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:	yellow - light brown
Odour:	characteristic
Odour threshold:	not determined

		Test method
Melting point/freezing point:	-5 °C	
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):	13,5 (conc.) 10,9 (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):	1,052 g/cm³	DIN 12791
Bulk density:	not applicable	
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. light metals.

10.6. Hazardous decomposition products

None, in case of proper use.

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
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
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		
68920-66-1	C16-C18 Fatty alcohol, ethoxylated				
	oral	LD50 >2000 mg/kg	Ratte		
90-43-7	2-hydroxybiphenyl, 2-phenylphenol (ISO), biphenyl-2-ol				
	oral	LD50 591 mg/kg	rat	msds	OECD 401
	dermal	LD50 >5000 mg/kg	rat	msds	OECD 402
51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt				
	oral	LD50 >5000 mg/kg	rat		Calculated
1310-73-2	Sodium hydroxide; caustic soda				
	oral	LD50 2000 mg/kg	rat		

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/eye irritation: Causes serious eye damage.
Risk of serious damage to eyes.
Irritant effect on the skin: irritant.

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.

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 >=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
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol						
	Acute fish toxicity	LC50 mg/l	9640	96 h	Pimephales promelas	ECHA	OECD 203
	Acute bacteria toxicity	EC50 mg/l ( )	>100				
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 mg/l	9,81	48 h	Daphnia magna		OECD 202
	Fish toxicity	NOEC mg/l	0,85	28 d	Oncorhynchus mykiss		OECD 204
	Crustacea toxicity	NOEC mg/l	0,36	22 d	Daphnia magna		OECD 202
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 mg/l	>1000	48 h	Daphnia magna		(CESIO 10/2015 (Env. class.)
90-43-7	2-hydroxybiphenyl, 2-phenylphenol (ISO), biphenyl-2-ol						
	Acute fish toxicity	LC50	2,6 mg/l	96 h	Oncorhynchus mykiss	msds	OPPTS 850.1075
	Acute algae toxicity	ErC50 mg/l	3,57	72 h	Pseudokirchneriella subcapitata	msds	OECD 201
	Acute crustacea toxicity	EC50	2,7 mg/l	48 h	Daphnia magna	msds	
	Fish toxicity	NOEC mg/l	0,036	21 d	Pimephales promelas	msds	
	Algae toxicity	NOEC mg/l	0,468	72 d	Pseudokirchneriella subcapitata	msds	OECD 201
	Crustacea toxicity	NOEC mg/l	0,006	21 d	Daphnia magna	msds	
51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt						
	Acute fish toxicity	LC50 mg/l	>100	96 h	Oncorhynchus mykiss		OECD 203
	Acute algae toxicity	ErC50 mg/l	>100	72 h	Desmodesmus subspicatus	OECD 201	
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Daphnien		OECD 202
1310-73-2	Sodium hydroxide; caustic soda						
	Acute fish toxicity	LC50	125 mg/l	96 h	Gambusia affinis	SDB Lieferant	
	Acute crustacea toxicity	EC50 mg/l	40,4	48 h	Ceriodaphnia	ECHA	

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 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			
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			
68920-66-1	C16-C18 Fatty alcohol, ethoxylated			
	OECD 301D	>70 %	28	
	Leicht biologisch abbaubar			
90-43-7	2-hydroxybiphenyl, 2-phenylphenol (ISO), biphenyl-2-ol			
	OECD 301 B	70,8 - 75,5 %	28	
	readily biodegradable			
51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt			
	OECD 301D	76 %	28	

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
90-43-7	2-hydroxybiphenyl, 2-phenylphenol (ISO), biphenyl-2-ol	3,18
51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamate, Sodium salt	-11,95

BCF

CAS No	Chemical name	BCF	Species	Source
90-43-7	2-hydroxybiphenyl, 2-phenylphenol (ISO), biphenyl-2-ol	22,5		

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

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)

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

Inland waterways transport (ADN)

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

Marine transport (IMDG)

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

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	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: 6,2 % (65,1 g/l)

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

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

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

Self-heat: Self-heating substances and mixtures
Met. Corr: Corrosive to metals
Flam. Liq: Flammable liquids
Acute Tox: Acute toxicity
Skin Corr: Skin corrosion
Skin Irrit: Skin irritation
Eye Dam: Eye damage
Eye Irrit: Eye irritation
STOT SE: Specific target organ toxicity - single exposure
Aquatic Acute: Acute aquatic hazard
Aquatic Chronic: Chronic aquatic hazard

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

Classification	Classification procedure
Skin Irrit. 2; H315	
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H251	Self-heating: may catch fire.
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.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very 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 RD 5	PW	20	35	8a, 9, 13	8a	0	26	

LCS: Life cycle stages
SU: Sectors of use
PC: Product categories
PROC: Process categories
ERC: Environmental release categories
AC: Article categories
TF: Technical functions

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