

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7

Page 1/11



Doyen F 40

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

1.1. Product identifier

Trade name/designation:

Doyen F 40

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

Use of the substance/mixture:

Biocidal product

Relevant identified uses:

Life cycle stage [LCS]

PW: Widespread use by professional workers

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

etol Eberhard Tripp GmbH

Labor

Allerheiligenstr. 12

77728 Oppenau

Germany

Telephone: +49(0)7804/41-0

Telefax: +49(0)7804/41-168

E-mail: info@etol.de

Website: www.etol.de

E-mail (competent person): wolfgang.gauss@etol.de

1.4. Emergency telephone number

Wolfgang Gauss, +49(0)7804/41-167 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Irrit. 2</i>)	H315: Causes skin irritation.	
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	
Hazardous to the aquatic environment (<i>Aquatic Acute 1</i>)	H400: Very toxic to aquatic life.	

* 2.2. Label elements

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

Hazard pictograms:



GHS05
Corrosion



GHS09
Environment

Signal word: Danger

Hazard components for labelling:

isotridecanole, ethoxylated; didecyldimethylammoniumchloride

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7

Page 2/11



Doyen F 40

hazard statements for health hazards

H315 Causes skin irritation.

H318 Causes serious eye damage.

Hazard statements for environmental hazards

H400 Very toxic to aquatic life.

Supplemental hazard information: -

Precautionary statements Prevention

P280 Wear protective gloves and eye/face protection.

Precautionary statements Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor/....

P391 Collect spillage.

2.3. Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 69011-36-5	isotridecanole, ethoxylated Aquatic Chronic 3, Eye Dam. 1 Danger H318-H412	2 - 10 weight-%
CAS No.: 7173-51-5 EC No.: 230-525-2 REACH No.: 01-2119945987-15	didecyldimethylammoniumchloride Acute Tox. 3, Aquatic Acute 1, Aquatic Chronic 2, Eye Dam. 1, Skin Corr. 1B Danger H301-H314-H318-H400-H411 M-factor (acute): 10 M-factor (chronic): 1	2 - 5 weight-%
CAS No.: 67-63-0 EC No.: 200-661-7 REACH No.: 01-2119457558-25	Propan-2-ol Eye Irrit. 2, Flam. Liq. 2, STOT SE 3 Danger H225-H319-H336	1 - 2 weight-%
CAS No.: 497-19-8 EC No.: 207-838-8 REACH No.: 01-2119485498-19	sodium carbonate Eye Irrit. 2 Warning H319	0 - 1 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7

Page 3/11



Doyen F 40

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion:

Rinse mouth. Let water be drunk in little sips (dilution effect). Get medical advice/attention if you feel unwell.

Self-protection of the first aider:

Use personal protection equipment.

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

Skin corrosion/irritation Serious eye damage/eye irritation

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:

Co-ordinate fire-fighting measures to the fire surroundings.

Water

Extinguishing powder

Carbon dioxide (CO₂)

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

Hazardous combustion products:

In case of fire may be liberated:

Nitrogen oxides (NO_x)

Chlorine (Cl₂)

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

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

For cleaning up:

Water

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7

Page 4/11



Doyen F 40

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

* 7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Storage class: 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

Further information on storage conditions:

Please note the expiry date

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
TRGS 900 (DE)	Propan-2-ol CAS No.: 67-63-0	① 200 ppm (500 mg/m ³) ② 400 ppm (1,000 mg/m ³)

8.1.2. Biological limit values

Limit value type (country of origin)	Substance name	Limit value	① parameter ② Test material ③ Time of sampling ④ Remark
TRGS 903 (DE)	Propan-2-ol CAS No.: 67-63-0	25 mg/L	① Aceton ② Blut ③ Expositionsende bzw. Schichtende
TRGS 903 (DE)	Propan-2-ol CAS No.: 67-63-0	25 mg/L	① Aceton ② Urin ③ Expositionsende bzw. Schichtende

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7



Page 5/11

Doyen F 40

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
didecyldimethylammoniumchloride CAS No.: 7173-51-5	5.39 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
didecyldimethylammoniumchloride CAS No.: 7173-51-5	5.39 mg/m ³	① DNEL worker ② Acute - inhalation, systemic effects
didecyldimethylammoniumchloride CAS No.: 7173-51-5	1.55 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
didecyldimethylammoniumchloride CAS No.: 7173-51-5	1.55 mg/kg	① DNEL worker ② Acute - dermal, systemic effects
Reaction mass aus (2S)-Alanin,N,N-bis(carboxymethyl-,trisodium salt und (2R)-Alanin,N,N-bis(carboxymethyl-,trisodium salt CAS No.: 164462-16-2	40 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
Reaction mass aus (2S)-Alanin,N,N-bis(carboxymethyl-,trisodium salt und (2R)-Alanin,N,N-bis(carboxymethyl-,trisodium salt CAS No.: 164462-16-2	40 mg/m ³	① DNEL worker ② Acute - inhalation, systemic effects
Reaction mass aus (2S)-Alanin,N,N-bis(carboxymethyl-,trisodium salt und (2R)-Alanin,N,N-bis(carboxymethyl-,trisodium salt CAS No.: 164462-16-2	4 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
sodium carbonate CAS No.: 497-19-8	10 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
disodium metasilicate CAS No.: 6834-92-0	6.22 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
disodium metasilicate CAS No.: 6834-92-0	1.49 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects

Substance name	PNEC Value	① PNEC type
didecyldimethylammoniumchloride CAS No.: 7173-51-5	0.002 mg/l	① PNEC aquatic, freshwater
didecyldimethylammoniumchloride CAS No.: 7173-51-5	0.0002 mg/l	① PNEC aquatic, marine water
didecyldimethylammoniumchloride CAS No.: 7173-51-5	0.595 mg/l	① PNEC sewage treatment plant
didecyldimethylammoniumchloride CAS No.: 7173-51-5	2.82 mg/kg	① PNEC sediment, freshwater
didecyldimethylammoniumchloride CAS No.: 7173-51-5	0.28 mg/kg	① PNEC sediment, marine water
Reaction mass aus (2S)-Alanin,N,N-bis(carboxymethyl-,trisodium salt und (2R)-Alanin,N,N-bis(carboxymethyl-,trisodium salt CAS No.: 164462-16-2	2 mg/l	① PNEC aquatic, freshwater
Reaction mass aus (2S)-Alanin,N,N-bis(carboxymethyl-,trisodium salt und (2R)-Alanin,N,N-bis(carboxymethyl-,trisodium salt CAS No.: 164462-16-2	0.2 mg/l	① PNEC aquatic, marine water
Reaction mass aus (2S)-Alanin,N,N-bis(carboxymethyl-,trisodium salt und (2R)-Alanin,N,N-bis(carboxymethyl-,trisodium salt CAS No.: 164462-16-2	100 mg/l	① PNEC sewage treatment plant
Reaction mass aus (2S)-Alanin,N,N-bis(carboxymethyl-,trisodium salt und (2R)-Alanin,N,N-bis(carboxymethyl-,trisodium salt CAS No.: 164462-16-2	1 mg/l	① PNEC aquatic, intermittent release

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7

Page 6/11



Doyen F 40

Substance name	PNEC Value	① PNEC type
disodium metasilicate CAS No.: 6834-92-0	7.5 mg/l	① PNEC aquatic, freshwater
disodium metasilicate CAS No.: 6834-92-0	1 mg/l	① PNEC aquatic, marine water
disodium metasilicate CAS No.: 6834-92-0	1,000 mg/l	① PNEC sewage treatment plant

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment



Eye/face protection:

Eye glasses with side protection DIN EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: NBR (Nitrile rubber) >0,2mm
Breakthrough time: 480min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: colourless

Odour: Alcohol

Safety relevant basis data

parameter		at °C	Method	Remark
pH	10.5	20 °C		1 % solution
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	> 90 °C			
Decomposition temperature	<i>not determined</i>			
Flash point	58 °C			
Evaporation rate	<i>not determined</i>			
Auto-ignition temperature	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	= 1.02 g/cm ³	20 °C		
Bulk density	<i>not determined</i>			
Water solubility	completely miscible	20 °C		
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>	40 °C		

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7

Page 7/11



Doyen F 40

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn.

10.2. Chemical stability

The substance is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

Acid

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
69011-36-5	isotridecanole, ethoxylated	LD₅₀ oral: >500 - <2,000 mg/kg (Rat)
7173-51-5	didecyldimethylammoniumchloride	LD₅₀ oral: =238 mg/kg (Rat) LD₅₀ dermal: =3,342 mg/kg (Rabbit)
497-19-8	sodium carbonate	LD₅₀ oral: =2,800 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rabbit) LC₅₀ Acute inhalation toxicity (dust/mist): =2.3 mg/l 2 h (Rat)

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

Causes skin irritation.

Serious eye damage/irritation:

Causes serious eye damage.

Respiratory or skin sensitisation:

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

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.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7

Page 8/11



Doyen F 40

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.

Additional information:

No data available

SECTION 12: Ecological information

12.1. Toxicity

CAS No.	Substance name	Toxicological information
69011-36-5	isotridecanole, ethoxylated	LC₅₀ : >1 - <10 mg/l 4 d (fish-, <i>Leuciscus idus</i> (golden orfe)) EC₅₀ : >1 - <10 mg/l 3 d (Algae/water plant)
7173-51-5	didecyldimethylammoniumchloride	LC₅₀ : =0.19 mg/l 4 d (fish-, <i>Pimephales promelas</i> (fathead minnow)) NOEC : =0.014 mg/l 21 d (crustaceans, <i>Daphnia magna</i> (Big water flea))
67-63-0	Propan-2-ol	EC₅₀ : >1,000 mg/l 3 d (Algae/water plant, <i>Scene desmus subspicatus</i>)
497-19-8	sodium carbonate	EC₅₀ : >200 - <227 mg/l 2 d (crustaceans, <i>Ceriodaphnia spec</i>) LC₅₀ : =300 mg/l 4 d (fish-, <i>Lepomis macrochirus</i> (Bluegill))

Aquatic toxicity:

Very toxic to aquatic life.

12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
69011-36-5	isotridecanole, ethoxylated	Yes, rapidly	
7173-51-5	didecyldimethylammoniumchloride	Yes, rapidly	
67-63-0	Propan-2-ol	Yes, rapidly	

12.3. Bioaccumulative potential

CAS No.	Substance name	Log K _{OW}	Bioconcentration factor (BCF)
67-63-0	Propan-2-ol	-0.16	

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
7173-51-5	didecyldimethylammoniumchloride	The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7

Page 9/11



Doyen F 40

Waste code product:

20 01 29 * Detergents containing hazardous substances

*: Evidence for disposal must be provided.

Waste code packaging:

15 01 10 * packaging containing residues of or contaminated by dangerous substances

*: Evidence for disposal must be provided.

Waste treatment options









Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN-No.			
UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Didecyldimethylammoniumchlorid)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (didecyldimethylammoniumchloride)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Didecyldimethylammoniumchloride)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Didecyldimethylammoniumchloride)
14.3. Transport hazard class(es)			
 9	 9	 9	 9
14.4. Packing group			
III	III	III	III
14.5. Environmental hazards			
		 MARINE POLLUTANT	

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7

Page 10/11



Doyen F 40

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.6. Special precautions for user			
Special provisions: 274,335,375,601 Limited quantity (LQ): 5L Excepted Quantities (EQ): E1 Hazard identification number (Kemler No.): 90 Classification code-: M6 tunnel restriction code-: (E) Remark:	Special provisions: 274,335,375,601 Limited quantity (LQ): 5L Excepted Quantities (EQ): E1 Classification code-: M6 Remark:	Special provisions: 274,335,966,967,969 Limited quantity (LQ): 5L Excepted Quantities (EQ): E1 EmS-No.: F-A, S-F Remark:	Special provisions: Excepted Quantities (EQ): Remark:

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

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive], Hazard categories:

- E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

Volatile organic compounds (VOC) content in percent by weight: 1,8%

Regulation (EC) No. 648/2004 (Detergents regulation)

5-15% non-ionic surfactants

<5% cationic surfactants

15.1.2. National regulations

[DE] National regulations

Störfallverordnung

for substances contained in the product:

Hazard categories:

- E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

Water hazard class

WGK:

2 - deutlich wassergefährdend

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

16.1. Indication of changes

1.2.	Relevant identified uses of the substance or mixture and uses advised against
2.2.	Label elements
3.2.	Mixtures
7.2.	Conditions for safe storage, including any incompatibilities

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 14 Dec 2020

Print date: 14 Dec 2020

Version: 7

Page 11/11



Doyen F 40

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

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Irrit. 2</i>)	H315: Causes skin irritation.	
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	
Hazardous to the aquatic environment (<i>Aquatic Acute 1</i>)	H400: Very toxic to aquatic life.	

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

* Data changed compared with the previous version