

Safety Data Sheet

according to Regulation (EC) No 1907/2006



TEXOMAT

Compilation date: 20.10.2017
Revision date: 13. Dezember 2017

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

1.1 Product identifier

TEXOMAT

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

Use of the substance/mixture

Washing and cleaning products (including solvent based products)
Process categories [PROC]: 1, 8

1.3 Details of the supplier of the safety data sheet

Company name: Arcora International GmbH
Street: Marsstraße 9
Place: 85609 Aschheim by Munich
Germany
Tel: +49 (0)89 / 14 33 29 3-0
Fax: +49 (0)89 / 14 33 29 3-29
E-Mail: info@arcora.de

1.4 Emergency telephone number + 49 (0) 89 / 14 33 29 3-10

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Hazard categories:
Substance or mixture corrosive to metals: Met. Corr. 1
Skin corrosion/irritation: Skin Corr. 1B
Hazard Statements:
May be corrosive to metals.
Causes severe skin burns and eye damage.

2.2 Label elements

Hazard components for labelling

caustic potash, potassium hydroxide

Signal word: Danger
Pictograms: GHS05



Hazard statements

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

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Precautionary statements

- P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.

2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous components

CAS-No.	Chemical name			Quantity
	EG-No.	Index-No.	REACH-No.	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
69011-36-5	fatty alcohol polyethoxylate			5 - < 10 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			
97489-15-1	sodium alkyl sulfonate			1 - < 5 %
	307-055-2		01-2119489924-20	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1; H302 H315 H318			
1310-58-3	caustic potash, potassium hydroxide			1 - < 5 %
	215-181-3	019-002-00-8	01-2119487136-33	
15763-76-5	sodium cumene sulfonate			1 - < 5 %
	239-854-6		01-2119489411-37	
	Eye Irrit. 2; H319			

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

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

5 % - < 15 % non-ionic surfactants, < 5 % soap, < 5 % anionic surfactants, optical brighteners, < 5 % phosphonates, perfumes.

SECTION 4: First aid measures

4.1 Description of first aid measures

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.
Take off contaminated clothing and wash it before reuse.

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After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.
Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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 spray jet
alcohol resistant foam
Carbon dioxide
Extinguishing powder

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:
Carbon dioxide
Carbon monoxide

5.3 Advice for firefighters

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

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

Use personal protection equipment.
Avoid contact with skin, eyes and clothes.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.
Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

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6.4 Reference to other sections

Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothes.
Do not mix with other chemicals.
Wear personal protection equipment (refer to section 8).
When using do not eat, drink or smoke.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Advice on storage compatibility

No special measures are necessary.
Storage class nach TRGS 510: 8B

7.3 Specific end uses

GISCODE/product-code: not applicable.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL/DMEL-values

CAS-No.	Substance	Exposure route	Effect	Value
97489-15-1	sodium alkyl sulfonate			
Worker DNEL, long-term	Dermal	Systemic	5 mg/kg KG/d	
Worker DNEL, long-term	Inhalation	Systemic	35 mg/m ³	
Worker DNEL, acute	Dermal	Local	2,8 mg/cm ²	
Worker DNEL, long-term	Dermal	Local	2,8 mg/cm ²	
Consumer DNEL, acute	Dermal	Local	2,8 mg/cm ²	
Consumer DNEL, long-term	Dermal	Systemic	3,57 mg/kg KG/d	
Consumer DNEL, long-term	Inhalation	Systemic	12,4 mg/m ³	
Consumer DNEL, long-term	Oral	Systemic	7,1 mg/kg KG/d	
Consumer DNEL, long-term	Dermal	Local	2,8 mg/cm ²	
15763-76-5	sodium cumene sulfonate			

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Consumer DNEL, long-term	dermal	Systemic	7,6 mg/kg KG/d
Consumer DNEL, long-term	Inhalation	Systemic	53,6 mg/m ³
Consumer DNEL, long-term	Dermal	Systemic	3,8 mg/kg KG/d
Consumer DNEL, long-term	Inhalation	Systemic	13,2 mg/m ³
Consumer DNEL, long-term	Oral	Systemic	3,8 mg/kg KG/d

PNEC-values

CAS-No.	Substance	Value
	Environmental compartment	
34590-94-8	Dipropylenglycolmethylether	
	Freshwater	0,04 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
	Micro-organisms in sewage treatment plants	600 mg/kg
15763-76-5	Sodium cumene sulfonate	
	Micro-organisms in sewage treatment plants	100 mg/l

8.2 Exposure controls

Protective and hygiene measures

Take off contaminated clothing.
Wash hands before breaks and after work.
When using do not eat, drink or smoke.

Eye/face protection

Wear eye protection/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.
Suitable material: NBR (Nitrile rubber).
Breakthrough time (maximum wearing time) >480 min.

Skin protection

Wear suitable work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: liquid
Colour:
Odour: Perfumes, fragrances

pH-value (at 20 °C): 13,0- 14,0

Test method

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Changes in the physical state

Melting point: approx. 0 °C
Initial boiling point and boiling range: approx. 100 °C
Flash point: not applicable

Flammability

Solid: not applicable
Gas: not applicable
Lower explosion limits: not determined
Upper explosion limits: not determined

Auto-ignition temperature

Solid: not applicable
Gas: not applicable
Decomposition temperature: not determined

Oxidizing properties

Not oxidising.

Vapour pressure: not determined
Density (at 25 °C): 1,11 g/cm³
Water solubility: completely miscible

Solubility in other solvents

not determined

Partition coefficient: not determine
Dyn. Viscosity (at 25 °C): < 10 mPa·s
Vapour density: not determined
Evaporation rate: not determined

9.2 Other information

Solid content: not determined

SECTION 10: Stability and reactivityt

10.1 Reactivity

Exothermic reaction with: Acid.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Exothermic reaction with: Acid

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10.4 Conditions to avoid

The product is stable under storage at normal ambient temperatures.

10.5 Incompatible materials

Acid.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

CAS-No.	Chemical name				
	Exposure route	Method	Dose	Species	Source
69011-36-5	fatty alcohol polyethoxylate				
	oral	LD50	> 500-2000 mg/kg	Rat	
	dermal	LD50	> 2000 mg/kg	Rat	ATE
	inhalativ Aerosol	LC50	> 5 mg/l	Rat	ATE
97489-15-1	sodium alkyl sulfonate				
	oral	LD50	> 2000 mg/kg	Rat	OECD 401
	dermal	LD50	> 2000 mg/kg	Mouse	
	inhalativ Aerosol	LC50	> 5 mg/l	Rat	ATE
1310-58-3	caustic potash, potassium hydroxide				
	oral	LD50	273 mg/kg	Rat	RTECS
15763-76-5	sodium cumene sulfonate				
	oral	LD50	> 7000 mg/kg	Rat	
	dermal	LD50	> 2000 mg/kg	Rabbit	
	Inhalativ vapour	LC50	> 20 mg/l	Rat	ATE
	inhalativ aerosol	LC50	> 5 mg/l	Rat	ATE

Irritation and corrosivity

Causes serious eye irritation.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction:

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.

SECTION 12: Ecological information

12.1 Toxicity

CAS-No.	Chemical name					
	Aquatic Toxicity	Method	Dose	[h] [d]	Species	Source
69011-36-5	fatty alcohol polyethoxylate					
	Acute fish toxicity	LC50	> 1-10 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50	> 1-10 mg/l	72 h		
	Acute crustacea toxicity	EC50	> 1-10 mg/l	48 h		
	Fish toxicity	NOEC	> 1 mg/l			
	Crustacea toxicity	NOEC	> 1 mg/l			
97489-15-1	Sodiumalkanesulfonate					
	Acute fish toxicity	LC50	1-10 mg/l	96 h	Brachydanio rerio (zebra-fish)	OECD 203
	Acute algae toxicity	ErC50	> 61 mg/l	72 h	Scenedesmus subspicatus	OECD 201
	Acute crustacea toxicity	EC50	9,81 mg/l	48 h	Daphnia magna (Big water flea)	OECD 202
	Fish toxicity	NOEC	0,85 mg/l	28 d	Oncorhynchus mykiss (Rainbow trout)	OECD 204
	Crustacea toxicity	NOEC	0,36 mg/l	22 d	Daphnia magna (Big water flea)	OECD 202
1310-58-3	Potassium hydroxide					
	Acute fish toxicity	LC50	80 mg/l	96 h	Gambusia affinis (Moskitofisch)	IUCLID
15763-76-5	Sodium cumenesulfonate					
	Acute fish toxicity	LC50	> 1000 mg/l	96 h		
	Acute crustacea toxicity	EC50	> 1000 mg/l	48 h	Daphnia magna (Big water flea)	
	Algae toxicity	NOEC	31 mg/l	4 d		

12.2 Persistence and degradability

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

CAS-No.	Chemical name			
	Method	Value	[d]	Source
	Evaluation			
69011-36-5	fatty alcohol polyethoxylate			

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	OECD 301E/ EEC 92/69/V, C.4-B	>90%		
	Readily biodegradable (according to OECD criteria).			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	>60	28	
	Readily biodegradable (according to OECD criteria).			
97489-15-1	sodium alkyl sulfonate			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	78%	28	
	Readily biodegradable (according to OECD criteria).			
	OECD 301E/ EEC 92/69/V, C.4-B	89	28	
	Readily biodegradable (according to OECD criteria).			
	OECD 303/ EEC 92/69/V, C10	96,2	34	
	Readily biodegradable (according to OECD criteria).			
15763-76-5	Sodium cumenesulfonate			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	>60%	28	
	Readily biodegradable (according to OECD criteria).			

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS-No.	Chemical name	Log Pow
15763-76-5	Sodium cumenesulfonate	-1,1

12.4 Mobility in soil

The product has not been tested.

12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation.
Delivery to an approved waste disposal company.

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors Classified as hazardous waste.

Waste disposal number of contaminated packaging

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150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN-number UN 1814
14.2 UN proper shipping name POTASSIUM HYDROXIDE SOLUTION
14.3 Transport hazard class(es) 8
14.4 Packing group III
Hazard label: 8
Classification code: C5
Limited quantity: 5 L
Transport category: 3
Hazard No: 80
Tunnel restriction code: E

Inland waterways transport (ADN)

14.1 UN-number UN 1814
14.2 UN proper shipping name POTASSIUM HYDROXIDE SOLUTION
14.3 Transport hazard class(es) 8
14.4 Packing group III
Hazard label: 8
Classification code: C5
Limited quantity: 5 L

Marine transport (IMDG)

14.1 UN-number UN 1814
14.2 UN proper shipping name POTASSIUM HYDROXIDE SOLUTION
14.3 Transport hazard class(es) 8
14.4 Packing group

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Hazard label: III
8
Special Provisions: 223
Limited quantity: 5 L
EmS: F-A, S-B

Air transport (ICAO)

14.1 UN-number UN 1814

14.2 UN proper shipping name

POTASSIUM HYDROXIDE SOLUTION

14.3 Transport hazard class(es)

8

14.4 Packing group

III

Hazard label: 8
Special Provisions: A3 A803
Limited quantity Passenger: 1 L
IATA-packing instructions - Passenger: 852
IATA-max. quantity - Passenger: 5 L
IATA-packing instructions - Cargo: 856
IATA-max. quantity - Cargo: 60 L

14.5 Special precautions for user

No information available.

14.6 Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC): < 30 %

Additional information

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

National regulatory information

Water contaminating class (D): 2 - water contaminating

15.2 Chemical safety assessment

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

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Process categories according to ECHA guidance on information requirements and chemical safety assessment, chapter R.12:

PROC 1: Use in closed processes.

PROC 8 Dilution of concentrated products, application of drain cleaners, dosage of textile washing agents.

PROC 10 (Roller application or brushing): Processing without large-scale spraying.

PROC 11 ((Spraying outside industrial settings): Processing with large-scale spraying (e. g. high pressure cleaning, foam gun).

PROC 19 (Hand-mixing with intimate contact): Hand cleaning and disinfection.

Relevant H and EUH statements (number and full text)

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.

Further 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.