



TANET SR 15 2 X 5 LITER

WM 0712480

Order number: 0712480

Version 8.0

Revision Date 29.10.2017

Print Date 06.12.2017

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

1.1 Product identifier

Trade name : TANET SR 15 2 X 5 LITER
Identification number : 61268

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

Use of the Substance/Mixture : Cleaning agent
Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Company : tana Chemie GmbH
Rheinallee 96
55120 Mainz
Telephone : +49613196403
Telefax : +4961319642414
E-mail address : Produktsicherheit@werner-mertz.com
Responsible/issuing person
Contact person : Product development / product safety

1.4 Emergency telephone number

+49(0)6131-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Safety data sheet available on request.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Aqueous surfactant solution.

Hazardous components

Chemical name	CAS-No. EC-No.	Classification	Concentration (% w/w)



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	Registration number		
ethanol	64-17-5 200-578-6 01-2119457610-43	Flam. Liq. 2; H225 Eye Irrit. 2; H319 SCL >= 50 % 2; H319	>= 2 - < 5
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3 01-2119488639-16	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412 SCL 5 - < 10 % 2; H319 >= 10,0 % 1; H318	>= 2,5 - < 3
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1 01-2119488530-36	Eye Dam. 1; H318 SCL > 10 % 1; H318	>= 1 - < 2
Alcohols, C10-16, ethoxylated propoxylated	69227-22-1	Eye Dam. 1; H318 Acute Tox. 4; H302 SCL 1 - 10,0 % 2; H319 > 10,0 % 1; H318	>= 1 - < 2

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
- In case of eye contact : Protect unharmed eye.
If easy to do, remove contact lens, if worn.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.



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If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Irritation
Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.



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6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Sweep up and shovel.
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8. No special handling advice required.

Avoid formation of aerosol. Avoid contact with skin and eyes. For personal protection see section 8. No special handling advice required. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container.

Advice on common storage : No special restrictions on storage with other products.

Other data : No decomposition if stored and applied as directed. Protect from frost.

7.3 Specific end use(s)

Specific use(s) : Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters



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Contains no substances with occupational exposure limit values.

DNEL

ethanol
64-17-5:

: End Use: Workers
Exposure routes: Inhalation
Potential health effects: Acute local effects
Value: 1900 mg/m³

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 950 mg/m³

End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 343 mg/kg

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Acute local effects
Value: 950 mg/m³

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 206 mg/kg

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 114 mg/m³

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term systemic effects
Value: 87 mg/kg

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Acute local effects
Value: 950 mg/m³

Alcohols, C12-14, ethoxylated,
sulfates, sodium salts
68891-38-3:

: End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 2750 mg/kg

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects



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	Value: 175 mg/m3
	End Use: Consumers Exposure routes: Skin contact Potential health effects: Long-term systemic effects Value: 1650 mg/kg
	End Use: Consumers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 52 mg/m3
	End Use: Consumers Exposure routes: Ingestion Potential health effects: Long-term systemic effects Value: 15 mg/kg
	End Use: Workers Exposure routes: Skin contact Potential health effects: Long-term local effects Value: 0,132 mg/cm2
	End Use: Consumers Exposure routes: Skin contact Potential health effects: Long-term local effects Value: 0,079 mg/cm2
D-Glucopyranose, oligomers, decyl octyl glycosides 68515-73-1:	: End Use: Workers Exposure routes: Skin contact Potential health effects: Long-term systemic effects Value: 595000 mg/kg
	End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 420 mg/m3
	End Use: Consumers Exposure routes: Skin contact Potential health effects: Long-term systemic effects Value: 357000 mg/kg
	End Use: Consumers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 124 mg/m3
	End Use: Consumers Exposure routes: Ingestion Potential health effects: Long-term systemic effects Value: 35,7 mg/kg

PNEC



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ethanol 64-17-5:	:	Fresh water		
		Value:	0,96 mg/l	
		Marine water		
		Value:	0,79 mg/l	
		Fresh water sediment		
		Value:	3,6 mg/kg	
		Soil		
	Value:	0,63 mg/kg		
	STP			
	Value:	580 mg/l		
	intermittent release			
	Value:	2,75 mg/l		
Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3:	:	Fresh water		
		Value:	0,24 mg/l	
		Marine water		
		Value:	0,024 mg/l	
		Fresh water sediment		
		Value:	0,9168 mg/kg	
		Marine sediment		
	Value:	0,09168 mg/kg		
	Soil			
	Value:	7,5 mg/kg		
	STP			
	Value:	10000 mg/kg		
	intermittent release			
	Value:	0,071 mg/l		
D-Glucopyranose, oligomers, decyl octyl glycosides 68515-73-1:	:	Fresh water		
		Value:	0,176 mg/l	
		Marine water		
		Value:	0,0176 mg/l	
		intermittent release		
		Value:	0,27 mg/l	
		STP		
	Value:	560 mg/l		
	Fresh water sediment			
	Value:	1,516 mg/kg		
	Marine sediment			



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Value: 0,152 mg/kg

Soil
Value: 0,654 mg/kg

8.2 Exposure controls

Personal protective equipment

Eye protection : not required under normal use

Hand protection

Material : not required under normal use

For prolonged or repeated contact use protective gloves.
Chemical resistant gloves made of butyl rubber or nitrile rubber
category III according to EN 374-1: 2003 (0,4 mm).

Remarks : Take note of the information given by the producer concerning
permeability and break through times, and of special workplace
conditions (mechanical strain, duration of contact).

Skin and body protection : not required under normal use

Respiratory protection : not required under normal use

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : blue

Odour : characteristic

Odour Threshold : No data available

pH : ca. 8,6

Melting point/range : No data available

Boiling point/boiling range : No data available

Flash point : 60,1 °C

Evaporation rate : No data available



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Flammability (solid, gas)	: Not classified as supporting combustion according to the transport regulations.
Burning rate	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: ca. 1,005 g/cm ³
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions., No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : Protect from frost.

10.5 Incompatible materials

Materials to avoid : No data available



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10.6 Hazardous decomposition products

- Hazardous decomposition products : No hazardous decomposition products are known.
Other information : No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product

- Skin corrosion/irritation : May cause skin irritation in susceptible persons.
Serious eye damage/eye irritation : Vapours may cause irritation to the eyes, respiratory system and the skin.
Respiratory or skin sensitisation : No data available
Further information : No data available

Components:

ethanol

64-17-5:

- Acute oral toxicity : LD50 Oral Rat: 10.470 mg/kg
Method: OECD Test Guideline 401
LD50 Rat: 5.000 mg/kg
Method: OECD Test Guideline 401
Acute inhalation toxicity : LC50 Rat: 51 mg/l
Exposure time: 4 h
Acute dermal toxicity : LD50 Dermal Rabbit: > 2.000 mg/kg
Method: OECD Test Guideline 402
LD50 Dermal Rabbit: > 10.000 mg/kg
Method: OECD Test Guideline 402
Skin corrosion/irritation : Species: Rabbit
Result: No skin irritation
Method: OECD Test Guideline 404
Serious eye damage/eye irritation : Species: Rabbit
Result: Mild eye irritation
Method: OECD Test Guideline 405



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Respiratory or skin sensitisation : Species: Mouse
Result: Does not cause skin sensitisation.
Method: see user defined free text

Reproductive toxicity : Species: Rat
Application Route: Oral
NOAEL: 5.200 mg/kg

Species: Rat
Application Route: Oral
NOAEL: 13.800 mg/kg

Species: Rat
Application Route: Inhalation
NOAEL: 30400 mg/m3

Repeated dose toxicity : Rat, male: NOAEL: > 20 mg/kg

Method: see user defined free text

Rat, female: NOAEL: 1.730 mg/kg

Method: see user defined free text

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

68891-38-3:

Acute oral toxicity : LD50 Oral Rat: 4.100 mg/kg
Method: OECD Test Guideline 401
GLP: no

LD50 Oral Rat: 2.000 - 5.000 mg/kg
Method: OECD Test Guideline 401
Test substance: see user defined free text

LD50 Oral Rat: > 5.000 mg/kg
Method: OECD Test Guideline 401
Test substance: see user defined free text

Acute dermal toxicity : LD50 Rat: > 2.000 mg/kg
Method: OECD Test Guideline 402
GLP: yes

Skin corrosion/irritation : Species: Rabbit
Method: OECD Test Guideline 404

Serious eye damage/eye irritation : Species: Rabbit
Method: OECD Test Guideline 405
Test substance: see user defined free text

Species: Rabbit



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	Method: OECD Test Guideline 405 Test substance: see user defined free text
Respiratory or skin sensitisation	: Test Method: Maximisation Test Species: Guinea pig Result: Did not cause sensitisation on laboratory animals. Method: OECD Test Guideline 406
Germ cell mutagenicity	
Genotoxicity in vitro	: Result: negative Method: OECD Test Guideline 471
Reproductive toxicity	: Species: Rat Application Route: Oral NOAEL: > 300 mg/kg, F1: > 300 mg/kg, Method: OECD Test Guideline 416
Teratogenicity	: Species: Rat Application Route: Oral >1.000 mg/kg > 1.000 mg/kg Method: see user defined free text
Repeated dose toxicity	: Rat: NOAEL: > 225 mg/kg Application Route: Oral Exposure time: 90 Days Method: see user defined free text Target Organs: Liver
STOT - repeated exposure	: Exposure routes: Ingestion Target Organs: Liver

D-Glucopyranose, oligomers, decyl octyl glycosides

68515-73-1:

Acute oral toxicity	: LD50 Rat: > 5.000 mg/kg Method: OECD Test Guideline 401
Acute dermal toxicity	: Rabbit: > 2.000 mg/kg Method: OECD Test Guideline 402
Skin corrosion/irritation	: Species: Rabbit Result: Mild skin irritation Method: OECD Test Guideline 404
Serious eye damage/eye irritation	: Species: Rabbit Result: Irreversible effects on the eye



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	Method: OECD Test Guideline 405
Respiratory or skin sensitisation	: Species: Guinea pig Result: Does not cause skin sensitisation. Method: OECD Test Guideline 406
Germ cell mutagenicity	
Genotoxicity in vitro	: Type: Ames test Result: negative Method: OECD Test Guideline 471

Alcohols, C10-16, ethoxylated propoxylated 69227-22-1:

Acute oral toxicity	: LD50 Oral : 1.800 mg/kg
Skin corrosion/irritation	: Result: Mild skin irritation Method: OECD Test Guideline 404 According to the classification criteria of the European Union, the product is not considered as being a skin irritant.
Serious eye damage/eye irritation	: Result: Risk of serious damage to eyes. Method: OECD Test Guideline 405

SECTION 12: Ecological information

12.1 Toxicity

Components:

ethanol

64-17-5:

Toxicity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): 13 g/l Exposure time: 96 h Method: OECD Test Guideline 203 LC50 (Leuciscus idus (Golden orfe)): 8.150 mg/l Exposure time: 48 h LC50 (Pimephales promelas (fathead minnow)): > 0,1 g/l Exposure time: 96 h LC50 (Fish): 11.200 mg/l
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 12.340 mg/l Exposure time: 48 h EC50 : 5.012 mg/l
Toxicity to algae	: EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l



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Exposure time: 72 h
Test Type: Growth inhibition
Method: OECD Test Guideline 201

EC50 (Scenedesmus capricornutum (fresh water algae)): 12.900 mg/l
Exposure time: 48 h
Test Type: Growth inhibition
Method: No information available.

EC0 (Scenedesmus quadricauda (Green algae)): 5.000 mg/l
Exposure time: 168 h

EC50 : 4.432 mg/l

EC10 : 11,5 mg/l

EC10 : 280 mg/l

Toxicity to bacteria : EC50 (Pseudomonas putida): 11.800 mg/l
Exposure time: 16 h
Test Type: Cell multiplication inhibition test

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

68891-38-3:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 7,1 mg/l
Exposure time: 96 h
Test Type: flow-through test
Method: OECD Test Guideline 203
GLP: yes

LC50 (Fish): > 1 - 10 mg/l
Test Type: semi-static test
Method: OECD Test Guideline 203

LC50 (Leuciscus idus (Golden orfe)): 10 - 100 mg/l
Method: OECD Test Guideline 203

NOEC (Oncorhynchus mykiss (rainbow trout)): 0,14 mg/l
Exposure time: 28 d
Test Type: flow-through test
Method: OECD Test Guideline 204

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 7,4 mg/l

EC50 (Daphnia magna (Water flea)): > 1 - 10 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202

NOEC (Daphnia magna (Water flea)): 0,27 mg/l
Exposure time: 21 d
Test Type: flow-through test
Method: OECD Test Guideline 211



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Toxicity to algae	: EC50 (Desmodesmus subspicatus (green algae)): 27,7 mg/l Exposure time: 72 h Test Type: Growth inhibition Method: OECD Test Guideline 201 GLP: yes EC50 (Scenedesmus subspicatus): 10 - 100 mg/l Method: OECD Test Guideline 201 EC50 (Desmodesmus subspicatus (green algae)): > 10 - 100 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 NOEC : 0,95 mg/l Test Type: Growth inhibition Method: OECD Test Guideline 201
Toxicity to bacteria	: EC50 (Pseudomonas putida): > 10 g/l Exposure time: 16 h Test Type: Cell multiplication inhibition test Method: DIN 38412 GLP: yes EC10 (Pseudomonas putida): > 10 g/l Test Type: Cell multiplication inhibition test GLP:
Toxicity to fish (Chronic toxicity)	: NOEC: 1,2 mg/l NOEC: 1 - 10 mg/l Species: Leuciscus idus (Golden orfe)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: > 0,1 - 1 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211

Alcohols, C10-16, ethoxylated propoxylated 69227-22-1:

Toxicity to fish	: LC50 (Brachydanio rerio): > 1 - 10 mg/l Test Type: semi-static test Method: ISO 7346/2
Toxicity to bacteria	: EC0 (Pseudomonas putida): > 100 mg/l Method: OECD Test Guideline 209

12.2 Persistence and degradability

Product:

Biodegradability	: Remarks: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.
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Components:

ethanol

64-17-5:

Biodegradability : Result: Readily biodegradable
Biodegradation: 97 %
Method: OECD Test Guideline 301

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

68891-38-3:

Biodegradability : Test Type: aerobic
Result: rapidly biodegradable
Biodegradation: > 70 %
Exposure time: 28 d
Method: OECD 301 A

Alcohols, C10-16, ethoxylated propoxylated

69227-22-1:

Biodegradability : Remarks: Readily biodegradable, according to appropriate OECD test., The surfactant(s) contained in this mixture 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.

12.3 Bioaccumulative potential

Components:

ethanol

64-17-5:

Bioaccumulation : Concentration: 3,2 mg/l

Partition coefficient: n-octanol/water : log Pow: -0,32

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

68891-38-3:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

12.4 Mobility in soil

Components:

ethanol

64-17-5:

Distribution among environmental compartments : Koc: 1Remarks: Highly mobile in soils

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

68891-38-3:

Distribution among environmental compartments : Adsorption/Soil
Medium:Soil



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Koc: 191Method: see user defined free text

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

Components:

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

68891-38-3:

Assessment : This substance is not considered to be very persistent and very bioaccumulating (vPvB).. This substance is not considered to be persistent, bioaccumulating and toxic (PBT)..

12.6 Other adverse effects

Product:

Additional ecological information : There is no data available for this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Product : Offer surplus and non-recyclable solutions to a licensed disposal company.
- Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
- Waste Code : European Waste Catalogue
20 01 29*
According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information

14.1 UN number

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.2 Proper shipping name

Not regulated as a dangerous good



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14.3 Transport hazard class

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.4 Packing group

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.5 Environmental hazards

ADR

Not dangerous goods

Not regulated as a dangerous good

IATA

Not dangerous goods

14.6 Special precautions for user

For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Seveso III: Directive 2012/18/EU : Not applicable

of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

TA Luft List (Germany)

- : Total dust: Not applicable
- : Inorganic substances in powdered form: Not applicable
- : Inorganic substances in vapour or gaseous form: : portionClass 3: < 0,01 %
- : Organic Substances: Not applicable
- : Carcinogenic substances: Not applicable
- : Mutagenic: Not applicable
- : Toxic to reproduction: Not applicable

Volatile organic compounds (VOC) content : Percent volatile: 2,91 %
233,08 g/l
VOC content excluding water

Volatile organic compounds (VOC) content : Percent volatile: 2,91 %
29,25 g/l
VOC content valid only for coating materials used on wood surfaces



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according to Detergents Regulation EC 648/2004	: <5% Anionic surfactants, Non-ionic surfactants, Soap, Perfumes, PHENOXYETHANOL
Diğer kurallar	: 13 Aralık 2014 tarihli, 29204 sayılı, "T.C. Çevre ve Şehircilik Bakanlığı Zararlı Maddeler ve Karışımlara İlişkin Güvenlik Bilgi Formları Hakkında Yönetmeliği" ne uygun düzenlenmiştir. 26 Aralık 2008 27092 (mükerrer) sayılı Tehlikeli Maddelerin ve Müstahzarların Sınıflandırılması, Ambalajlanması ve Etiketlenmesi Hakkında Yönetmelik hükümlerine göre hazırlanmıştır. Maddelerin ve Karışımların Sınıflandırılması, Etiketlenmesi ve Ambalajlanması Hakkında Yönetmelik. 11 Aralık 2013 tarihli, 28848 mükerrer sayılı, T.C. Çevre ve Şehircilik Bakanlığı.

15.2 Chemical safety assessment

There is no data available for this product.

SECTION 16: Other information

Full text of H-Statements

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Further information

Classification procedure: On basis of test data.

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT -



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Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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