

# Safety Data Sheet

According to Regulation (EC) No 1907/2006

# Taski Sani 100 Pur-Eco SD

Revision: 2012-05-03 Version 01

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

#### 1.1 Product identifier

Trade name: Taski Sani 100 Pur-Eco SD

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

For professional use only

AISE-P305 - Sanitary cleaner. Manual process

AISE-P306 - Sanitary cleaner. Spray and wipe manual process

Uses advised against Uses other than those identified are not recommended

# 1.3 Details of the supplier of the safety data sheet

Diversey Ltd

#### Contact details

Weston Favell Centre, Northampton NN3 8PD, United Kingdom Tel: 01604 405311, Fax: 01604 406809 Regulatory Email: MSDSinfoUK@diversey.com

#### 1.4 Emergency telephone number

For medical or environmental emergency only: call 0800 052 0185

# **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

The product does not meet the criteria for classification in accordance with Directive 1999/45/EC and corresponding national legislation.

# 2.2 Label elements

# Further indications on the label:

Rinse and dry hands after use. For prolonged contact, protection for the skin may be necessary.

Safety data sheet available for professional user on request.

## 2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

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

# 3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Classification (EC) 1272/2008	Notes	Weight percent
alkyl alcohol ethoxylate	Polymer*	68439-46-3	No data available	Xn; R22-41	Eye Dam. 1 (H318) Acute Tox. 4 (H302)		1-3
sodium alkylethersulphate	Polymer*	68585-34-2	01-2119488639-16	Xi; R38-41	Eye Dam. 1 (H318) Skin Irrit. 2 (H315)		1-3
(2-methoxymethylethoxy)propa nol	252-104-2	34590-94-8	01-2119450011-60	-	-		1-3

For the full text of the R, H and EUH phrases mentioned in this Section, see Section 16.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

<sup>[1]</sup> Exempted: ionic mixture. See Regulation (EC) No 1907/2006, Annex V, paragraph 3 and 4. This salt is potentially present, based on calculation, and included for classification and labelling purposes only. Each starting material of the ionic mixture is registered, as required. [2] Exempted: included in Annex IV of Regulation (EC) No 1907/2006. [3] Exempted: Annex V of Regulation (EC) No 1907/2006.

<sup>[4]</sup> Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

# SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation Remove from source of exposure. If discomfort persists, obtain medical attention .

Skin contact Not required under normal use. Immediately wash off with plenty of water. If irritation develops get

medical attention.

Eye contact Wash off immediately with plenty of water. Get medical attention.

Ingestion Remove material from mouth. Immediately drink 1-2 glasses of water or milk. If large amounts

swallowed or symptoms develop, get medical attention.

**Self-protection of first aider:** Consider personal protective equipment as indicated in subsection 8.2.

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

**Inhalation** Unlikely to be irritant or harmful in normal use.

Skin contact Unlikely to be irritant in normal use. Eye contact Unlikely to be irritant in normal use.

Ingestion Unlikely to be harmful unless excessive amount ingested.

Sensitisation No known effects.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

# SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

# 5.2 Special hazards arising from the substance or mixture

No special hazards known.

#### 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

# SECTION 6: Accidental release measures

# 6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

# 6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

# 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

# 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

# SECTION 7: Handling and storage

# 7.1 Precautions for safe handling

# Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless advised by Diversey. For advice on general occupational hygiene see subsection 8.2. For environmental exposure controls see subsection 8.2. For incompatible materials see subsection 10.5.

#### Prevention of fire and explosion

No special precautions required.

#### 7.2 Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms / facilities:

In accordance with local and national regulations.

#### Combined storage in storage rooms / facilities:

In accordance with local and national regulations. For incompatible materials see subsection 10.5.

#### **Basic storage conditions**

Store in original container. For conditions to avoid see subsection 10.4.

# 7.3 Specific end use(s)

No specific advice for end use available.

# SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters Workplace exposure limits

Air limit values, if available:

Ingredient(s)	UK - Long term value(s)	UK - Short term value(s)
(2-methoxymethylethoxy)propanol	50 ppm 308 mg/m³	150 ppm 924 mg/m³

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

# **DNEL/DMEL** and **PNEC** values

**Human exposure** 

DNEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sodium alkylethersulphate	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	No data available	No data available	No data available	No data available

DNFL dermal exposure - Worker

	DIVEL definal exposure - Worker				
Ingredient(s)		Short term - Local	Short term - Systemic	Long term - Local	Long term - Systemic
		effects	effects (mg/kg bw)	effects	effects (mg/kg bw)
	alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
	sodium alkylethersulphate	No data available	No data available	No data available	No data available
	(2-methoxymethylethoxy)propanol	No data available	No data available	No data available	15

DNEL dermal exposure - Consumer

	Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
	alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
	sodium alkylethersulphate	No data available	No data available	No data available	No data available
Ī	(2-methoxymethylethoxy)propanol	No data available	No data available	No data available	65

DNEL inhalatory exposure - Worker (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sodium alkylethersulphate	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	No data available	No data available	No data available	37.2

DNEL inhalatory exposure - Consumer (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sodium alkylethersulphate	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	No data available	No data available	No data available	310

# **Environmental exposure**

Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sodium alkylethersulphate	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	19	1.9	No data available	4168

Environmental exposure - PNEC, continued				
Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m³)
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sodium alkylethersulphate	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol	70.2	No data available	2.74	190

## 8.2 Exposure controls

General health and safety measures
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

The following information applies for the uses indicated in subsection 1.2.

If available, please refer to the product information sheet for application and handling instructions.

Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

**Appropriate engineering controls:** No special requirements under normal use conditions. **Appropriate organisational controls:** No special requirements under normal use conditions.

Personal protective equipment

Eye / face protection: Safety glasses are not normally required. However, their use is recommended in those cases

where splashes may occur when handling the product.

Hand protection: Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary

**Body protection:**No special requirements under normal use conditions. **Respiratory protection:**No special requirements under normal use conditions

**Environmental exposure controls:** No special requirements under normal use conditions.

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (%): 2

Appropriate engineering controls: No special requirements under normal use conditions. Appropriate organisational controls: No special requirements under normal use conditions.

Personal protective equipment.

**Eye / face protection:**No special requirements under normal use conditions.

Hand protection: Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary

**Body protection:**No special requirements under normal use conditions. **Respiratory protection:**No special requirements under normal use conditions

**Environmental exposure controls:** No special requirements under normal use conditions.

# **SECTION 9: Physical and chemical properties**

# 9.1 Information on basic physical and chemical properties

**Physical State:** Liquid Colour Clear Red Odour Slightly perfumed pH: ≈ 10 (neat) Not determined Boiling point/range (°C): Flash point (°C): Not applicable. Flammability Not flammable. Specific gravity: 1.06 g/cm3 (20°C) Solubility in / Miscibility with Water: Fully miscible **Explosive properties** Not explosive. Oxidising properties: Not oxidising.

# 9.2 Other information

No other relevant information available

# SECTION 10: Stability and reactivity

# 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

# 10.2 Chemical stability

Stable under normal storage and use conditions.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

# 10.4 Conditions to avoid

None known under normal storage and use conditions.

# 10.5 Incompatible materials

Reacts with acids.

#### 10.6 Hazardous decomposition products

None known under normal storage and use conditions.

# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

# **Mixtures**

No test data is available on the mixture

Substance data, where relevant and available, are listed below.

# Acute toxicity Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
sodium alkylethersulphate	LD <sub>50</sub>	> 5000	Rat	Method not given	
(2-methoxymethylethoxy)propanol	LD <sub>50</sub>	> 5000	Rat	Method not given	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
sodium alkylethersulphate	LD <sub>50</sub>	> 2000	Rat	Method not given	
(2-methoxymethylethoxy)propanol	LD <sub>50</sub>	9510	Rabbit	Method not given	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
sodium alkylethersulphate		No data available			
(2-methoxymethylethoxy)propanol	LC	3350	Rat	Non guideline test	7

# Irritation and corrosivity

Ingredient(s)	Result	Species Method		Exposure time
alkyl alcohol ethoxylate	No data available			
sodium alkylethersulphate	No data available			
(2-methoxymethylethoxy)propanol	Irritant		Method not given	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
sodium alkylethersulphate	No data available			
(2-methoxymethylethoxy)propanol	No data available		_	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
sodium alkylethersulphate	No data available			
(2-methoxymethylethoxy)propanol	No data available			

# Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	No data available			
sodium alkylethersulphate	No data available			
(2-methoxymethylethoxy)propanol	Not sensitising			

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
sodium alkylethersulphate	No data available			
(2-methoxymethylethoxy)propanol	No data available			_

Repeated dose toxicity
Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
alkyl alcohol ethoxylate		No data available				
sodium alkylethersulphate	NOAEL	50		Method not given		
(2-methoxymethylethoxy)propanol		No data available		_		

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Specific effects and organs
		(mg/kg bw/d)			time (days)	affected
alkyl alcohol ethoxylate		No data				
		available				
sodium alkylethersulphate	NOEL	> 12.5		Method not		
				given		
(2-methoxymethylethoxy)propanol		No data				
		available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
alkyl alcohol ethoxylate		No data available				
sodium alkylethersulphate		No data available				
(2-methoxymethylethoxy)propanol		No data available				

Chronic toxicity

Ingredient(s)	Exposure	Endpoint	Value	Species	Method	Exposure	Specific effects and	Remark
	route		(mg/kg bw/d)			time	organs affected	
alkyl alcohol ethoxylate			No data					
			available					
sodium			No data					
alkylethersulphate			available					
(2-methoxymethylethox			No data					
y)propanol			available					

# CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mixture data:

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

Substance data, where relevant and available

Carcinogenicity

Ingredient(s)	Effect
alkyl alcohol ethoxylate	No data available
sodium alkylethersulphate	No evidence for carcinogenicity, negative test results
(2-methoxymethylethox y)propanol	No evidence for carcinogenicity, negative test results

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
alkyl alcohol ethoxylate	No data available		No data available	( 1110)
sodium alkylethersulphate	No evidence for mutagenicity, negative test results	OECD 476 (Chinese Hamster Ovary)	No evidence for mutagenicity, negative test results	
(2-methoxymethylethox y)propanol	No evidence for mutagenicity, negative test results		No data available	

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
alkyl alcohol ethoxylate			No data available			0	10,000
sodium alkylethersulphate	NAOEL	Developmental toxicity	86.6	Rat	OECD 416, (EU B.35), oral		No known significant effects or critical hazards
(2-methoxymethylethox y)propanol		Developmental toxicity	No data available				No evidence for reproductive toxicity

# Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

# **SECTION 12: Ecological information**

# 12.1 Toxicity

Mixtures

No test data is available on the mixture.

Substance data, where relevant and available, are listed below

# Aquatic short-term toxicity Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
sodium alkylethersulphate	LC	1 - 28	Fish	Method not given	96
(2-methoxymethylethoxy)propanol	LC <sub>50</sub>	> 1000	Poecilia reticulata	Method not given	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
sodium alkylethersulphate	EC_	1 - 10	Daphnia	Method not given	48
(2-methoxymethylethoxy)propanol	EC 50	1919	Daphnia magna Straus	Method not given	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
sodium alkylethersulphate	EC <sub>E0</sub>	7.5	Not specified	DIN 38412, Part 9	72
(2-methoxymethylethoxy)propanol	EC 50	> 969	Desmodesmus subspicatus	Method not given	96

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
alkyl alcohol ethoxylate		No data available			
sodium alkylethersulphate		No data available			
(2-methoxymethylethoxy)propanol		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
alkyl alcohol ethoxylate		No data available			
sodium alkylethersulphate	EC <sub>10</sub>	300 - 500		Method not given	0.5 hour(s)
(2-methoxymethylethoxy)propanol		No data available			

# Aquatic long-term toxicity Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alkyl alcohol ethoxylate		No data available				
sodium alkylethersulphate	NOEC	0.1 - 0.13	Not specified	Method not given	365 day(s)	
(2-methoxymethylethoxy)propanol		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alkyl alcohol ethoxylate		No data available				
sodium alkylethersulphate	NOEC	0.18 - 0.72	Daphnia sp.	Method not given	21 day(s)	
(2-methoxymethylethoxy)propanol	NOEC	> 0.5	Daphnia magna	Method not given	22 day(s)	

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
sodium alkylethersulphate	NOEC	072 - 0.9		Method not given	3	

# **Terrestrial toxicity**

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

# 12.2 Persistence and degradability

# Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

#### Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT <sub>50</sub>	Method	Evaluation
alkyl alcohol ethoxylate					No data available
sodium alkylethersulphate					No data available
(2-methoxymethylethoxy)propanol		Oxygen depletion	75% in 28 day(s)	OECD 301F	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

The surfactant(s) contained in this preparation 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

Ingredient(s)	Value	Method	Evaluation	Remark
alkyl alcohol ethoxylate	No data available			
sodium alkylethersulphate	0.95 - 3.9		Low potential for bioaccumulation	
(2-methoxymethylethoxy)propanol	1.01		Low potential for bioaccumulation	

bioconcentration ractor (	BCF)				
Ingredient(s)	Value	Species	Method	Evaluation	Remark
alkyl alcohol ethoxylate	No data available				
sodium alkylethersulphate	No data available				
(2-methoxymethylethox y)propanol	No data available				

# 12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
alkyl alcohol ethoxylate	No data available				
sodium alkylethersulphate	No data available				
(2-methoxymethylethoxy)propanol	No data available				High potential for mobility in soil

# 12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

# 12.6 Other adverse effects

No other adverse effects known.

# SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste from residues / unused products Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.

**European Waste Catalogue:** 20 01 30 - detergents other than those mentioned in 20 01 29.

**Empty packaging** 

Dispose of observing national or local regulations. Recommendation:

Suitable cleaning agents Water, if necessary with cleaning agent.

# **SECTION 14: Transport information**

# ADR, RID, ADN, IMO/IMDG, ICAO/IATA

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods 14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods 14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: The product is not transported in bulk tankers.

# **SECTION 15: Regulatory information**

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

# Ingredients according to EC Detergents Regulation 648/2004

anionic surfactants, non-ionic surfactants < 5% perfumes, Hydroxycitronellal

# 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

# **SECTION 16: Other information**

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

MSDS code: MS1000741 Version 01 Revision: 2012-05-03

### Full text of the R, H and EUH phrases mentioned in section 3

- R41 Risk of serious damage to eyes.
- R22 Harmful if swallowed
- R38 Irritating to skin.
- H302 Harmful if swallowed.
- H315 Causes skin irritation
- H318 Causes serious eye damage.

#### Abbreviations and acronyms:

- AISE The international Association for Soaps, Detergents and Maintenance Products
- DNEL Derived No Effect Limit
- EUH CLP Specific hazard statement
- PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration
- REACH number REACH registration number, without supplier specific part
- · vPvB very Persistent and very Bioaccumulative

**End of Safety Data Sheet**