



## TASKI HYPOGEL

Revision: 2018-01-25  
First release : 2016-01-14

Version: 01.0

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

#### 1.1 Product identifier

Trade name: TASKI HYPOGEL

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

##### Identified uses:

For professional use only.

AISE-P301 - General purpose cleaner. Manual process

AISE-P314 - Surface disinfectant. 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 Europe Operations BV, Maarssebroeksedijk 2, 3542DN Utrecht, The Netherlands

#### Contact details

Diversey Kimya Sanayi ve Ticaret A.Ş

İçerenköy Mah. Bahçelerarası Sk.

No: 43, 34752, Ataşehir, İstanbul, Türkiye

Tel: 0216 578 64 00, Faks: 0216 578 64 01

#### 1.4 Emergency telephone number

Tel: 0216 578 64 00

Ulusal Zehir Danışma Merkezi (UZEM): 114

Acil Sağlık Hizmetleri: 112

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

EUH031

Skin Corr. 1B (H314)

Aquatic Acute 1 (H400)

Aquatic Chronic 2 (H411)

Met. Corr. 1 (H290)

#### 2.2 Label elements



**Signal word:** Danger.

Contains sodium hydroxide (Sodium Hydroxide).

#### Hazard statements:

EUH031 - Contact with acids liberates toxic gas.

H314 - Causes severe skin burns and eye damage.

H410 - Very toxic to aquatic life with long lasting effects.

H290 - May be corrosive to metals.

#### Precautionary statements:

P260 - Do not breathe vapours.

P280 - Wear protective gloves, protective clothing and eye or face protection.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or 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.

Revision: 2018-01-25  
First release : 2016-01-14

TASKI HYPOGEL

Version: 01.0

P310 - Immediately call a POISON CENTRE, doctor or physician.

### 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	Classification	Notes	Weight percent
N,N-dimethyltetradecylamine N-oxide	222-059-3	3332-27-2	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)		1-3
sodium hypochlorite	231-668-3	7681-52-9	EUH031 Skin Corr. 1B (H314) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Met. Corr. 1 (H290)		1-3
sodium hydroxide	215-185-5	1310-73-2	Skin Corr. 1A (H314) Met. Corr. 1 (H290)		1-3
sodium N-lauroyl sarcosinate	205-281-5	137-16-6	Acute Tox. 2 (H330) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)		1-3
1-Dodecanamine, N,N-dimethyl-, N-oxide	216-700-6	1643-20-5	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)		1-3

\* Polymer.

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

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

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General Information:

If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. Provide fresh air. No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.

#### Inhalation:

Get medical attention or advice if you feel unwell.

#### Skin contact:

Wash skin with plenty of lukewarm, gently flowing water for at least 30 minutes. Take off immediately all contaminated clothing and wash it before re-use. Immediately call a POISON CENTRE, doctor or physician.

#### Eye contact:

Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.

#### Ingestion:

Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Keep at rest. Immediately call a POISON CENTRE, doctor or physician.

#### 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:

May cause bronchospasm in chlorine sensitive individuals.

#### Skin contact:

Causes severe burns.

#### Eye contact:

Causes severe or permanent damage.

#### Ingestion:

Ingestion will lead to a strong caustic effect on mouth and throat and to the danger of perforation of oesophagus and stomach.

### 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.

Revision: 2018-01-25  
First release : 2016-01-14

TASKI HYPOGEL

Version: 01.0

## 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

Ensure adequate ventilation. Do not breathe dust or vapour. In case of an incident in a confined area wear suitable respiratory protection. Wear suitable protective clothing, gloves and eye/face protection.

### 6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground/soil. Dilute with plenty of water. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

### 6.3 Methods and material for containment and cleaning up

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

### 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

#### Measures to prevent fire and explosions:

No special precautions required.

#### Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

#### Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Use personal protective equipment as required. Avoid contact with skin and eyes. Do not breathe vapours. Use only with adequate ventilation.

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

Store in accordance with local and national regulations. Keep only in original container. Store in a closed container. Keep from freezing. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

### 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:

Biological limit values, if available:

### 8.2 Exposure controls

*The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. 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:*

*Covering activities such as filling and transfer of product to application equipment, flasks or buckets*

#### Appropriate engineering controls:

If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required. Where possible: use in automated/closed system and cover open containers. Transport over pipes. Filling with automatic systems. Use tools for manual handling of product.

#### Appropriate organisational controls:

Avoid direct contact and/or splashes where possible. Train personnel.

Revision: 2018-01-25  
First release : 2016-01-14

**TASKI HYPOGEL**

Version: 01.0

**Personal protective equipment**

**Eye / face protection:**

Safety glasses or goggles (EN 166). The use of a full-face shield or other full-face protection is strongly recommended when handling open containers or if splashes may occur.

**Hand protection:**

Chemical-resistant protective gloves (EN 374). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.  
Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: >= 480 min  
Material thickness: >= 0.7 mm  
Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: >= 30 min  
Material thickness: >= 0.4 mm  
In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.

**Body protection:**

Wear chemical-resistant clothing and boots in case direct dermal exposure and/or splashes may occur (EN 14605).

**Respiratory protection:**

Respiratory protection is not normally required. However, inhalation of vapour, spray, gas or aerosols should be avoided.

**Environmental exposure controls:**

Should not reach sewage water or drainage ditch undiluted.

*Recommended safety measures for handling the diluted product:*

**Recommended maximum concentration (%):** 0.5

**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.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Information in this section refers to the product, unless it is specifically stated that substance data is listed

**Method / remark**

**Physical State:** Liquid

**Colour:** Clear, Yellow

**Odour:** Slightly perfumed

**Odour threshold:** Not applicable

**pH:** > 12 (neat)

**Melting point/freezing point (°C):** Not determined

Not relevant to classification of this product

**Initial boiling point and boiling range (°C):** Not determined

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
N,N-dimethyltetradecylamine N-oxide	100	Method not given	
sodium hypochlorite	Product decomposes before boiling	Method not given	1013
sodium hydroxide	> 990	Method not given	
sodium N-lauroyl sarcosinate	No data available		
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available		

**Method / remark**

**Flash point (°C):** Not applicable.

**Sustained combustion:** Not applicable.

( UN Manual of Tests and Criteria, section 32, L.2 )

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Not determined

**Upper/lower flammability limit (%):** Not determined

Substance data, flammability or explosive limits, if available:

Ingredient(s)	Lower limit (% vol)	Upper limit (% vol)

Revision: 2018-01-25  
First release : 2016-01-14

TASKI HYPOGEL

Version: 01.0

sodium hypochlorite	-	-
---------------------	---	---

Method / remark

Vapour pressure: Not determined

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
N,N-dimethyltetradecylamine N-oxide	230	Method not given	25
sodium hypochlorite	1700	Method not given	20
sodium hydroxide	< 1330	Method not given	20
sodium N-lauroyl sarcosinate	No data available		
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available		

Method / remark

Vapour density: Not determined

Relative density: ≈ 1.04 (20 °C)

Solubility in / Miscibility with Water: Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
N,N-dimethyltetradecylamine N-oxide	Soluble		
sodium hypochlorite	Soluble		
sodium hydroxide	1000	Method not given	20
sodium N-lauroyl sarcosinate	No data available		
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available		

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Method / remark

Autoignition temperature: Not determined

Decomposition temperature: Not applicable.

Viscosity: Not determined

Explosive properties: Not explosive.

Oxidising properties: Not oxidising.

#### 9.2 Other information

Surface tension (N/m): Not determined

Corrosion to metals: Corrosive

Not relevant to classification of this product  
Weight of evidence

Substance data, dissociation constant, if available:

Ingredient(s)	Value	Method	Temperature (°C)
sodium hypochlorite	7.53 (pKa)	Method not given	

## 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 releasing toxic chlorine gas. Keep away from acids.

### 10.6 Hazardous decomposition products

Chlorine.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Revision: 2018-01-25  
First release : 2016-01-14

**TASKI HYPOGEL**

Version: 01.0

Mixture data:.

**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): >5000  
ATE - Inhalatory, mists (mg/l): 4

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)
N,N-dimethyltetradecylamine N-oxide	LD <sub>50</sub>	> 300-2000	Rat	OECD 401 (EU B.1)	
sodium hypochlorite	LD <sub>50</sub>	> 1100	Rat		90
sodium hydroxide		No data available			
sodium N-lauroyl sarcosinate	LD <sub>50</sub>	> 5000	Rat	OECD 401 (EU B.1)	
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available			

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
N,N-dimethyltetradecylamine N-oxide		No data available			
sodium hypochlorite	LD <sub>50</sub>	> 20000	Rabbit	OECD 402 (EU B.3)	
sodium hydroxide		No data available			
sodium N-lauroyl sarcosinate		No data available			
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available			

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
N,N-dimethyltetradecylamine N-oxide		No data available			
sodium hypochlorite	LC <sub>50</sub>	> 10.5 (vapour)	Rat	OECD 403 (EU B.2)	1
sodium hydroxide		No data available			
sodium N-lauroyl sarcosinate	LC <sub>50</sub>	0.05 - 0.5 (dust)	Rat	OECD 403 (EU B.2)	4
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available			

**Irritation and corrosivity**

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
N,N-dimethyltetradecylamine N-oxide	Irritant	Rabbit	OECD 404 (EU B.4)	
sodium hypochlorite	Corrosive	Rabbit	OECD 404 (EU B.4)	
sodium hydroxide	Corrosive	Rabbit	Method not given	
sodium N-lauroyl sarcosinate	Not irritant	Rabbit	OECD 404 (EU B.4)	4 hour(s)
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
N,N-dimethyltetradecylamine N-oxide	Severe damage	Rabbit	OECD 405 (EU B.5)	
sodium hypochlorite	Severe damage	Rabbit	OECD 405 (EU B.5)	
sodium hydroxide	Corrosive	Rabbit	Method not given	
sodium N-lauroyl sarcosinate	Severe damage	Rabbit	OECD 405 (EU B.5)	
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
N,N-dimethyltetradecylamine N-oxide	No data available			
sodium hypochlorite	Irritating to respiratory tract			

Revision: 2018-01-25  
First release : 2016-01-14

**TASKI HYPOGEL**

Version: 01.0

sodium hydroxide	No data available		
sodium N-lauroyl sarcosinate	No data available		
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available		

**Sensitisation**

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
N,N-dimethyltetradecylamine N-oxide	No data available			
sodium hypochlorite	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	
sodium hydroxide	Not sensitising		Human repeated patch test	
sodium N-lauroyl sarcosinate	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available			

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
N,N-dimethyltetradecylamine N-oxide	No data available			
sodium hypochlorite	No data available			
sodium hydroxide	No data available			
sodium N-lauroyl sarcosinate	No data available			
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available			

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

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
N,N-dimethyltetradecylamine N-oxide	No data available		No data available	
sodium hypochlorite	No evidence for mutagenicity	OECD 471 (EU B.12/13)	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12)
sodium hydroxide	No evidence for mutagenicity, negative test results	DNA repair test on rat hepatocytes OECD 473	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12) OECD 475 (EU B.11)
sodium N-lauroyl sarcosinate	No evidence for mutagenicity, negative test results	OECD 473	No data available	
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available		No data available	

Carcinogenicity

Ingredient(s)	Effect
N,N-dimethyltetradecylamine N-oxide	No data available
sodium hypochlorite	No evidence for carcinogenicity, negative test results
sodium hydroxide	No evidence for carcinogenicity, weight-of-evidence
sodium N-lauroyl sarcosinate	No data available
1-Dodecanamine, N,N-dimethyl-, N-oxide	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
N,N-dimethyltetradecylamine N-oxide			No data available				
sodium hypochlorite	NOAEL	Developmental toxicity Impaired fertility	5 (Cl)	Rat	OECD 414 (EU B.31), oral OECD 415 (EU B.34), oral		No evidence for reproductive toxicity
sodium hydroxide			No data available				No evidence for developmental toxicity No evidence for reproductive toxicity
sodium N-lauroyl sarcosinate			No data available				
1-Dodecanamine, N,N-dimethyl-, N-oxide			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
N,N-dimethyltetradecylamine N-oxide		No data available				
sodium hypochlorite	NOAEL	50	Rat	OECD 408 (EU B.26)	90	

Revision: 2018-01-25  
First release : 2016-01-14

**TASKI HYPOGEL**

Version: 01.0

sodium hydroxide		No data available				
sodium N-lauroyl sarcosinate	NOAEL	30	Rat	OECD 407 (EU B.7)	90	
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
N,N-dimethyltetradecylamine N-oxide		No data available				
sodium hypochlorite		No data available				
sodium hydroxide		No data available				
sodium N-lauroyl sarcosinate		No data available				
1-Dodecanamine, N,N-dimethyl-, N-oxide		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
N,N-dimethyltetradecylamine N-oxide		No data available				
sodium hypochlorite		No data available				
sodium hydroxide		No data available				
sodium N-lauroyl sarcosinate		No data available				
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
N,N-dimethyltetradecylamine N-oxide			No data available					
sodium hypochlorite			No data available					
sodium hydroxide			No data available					
sodium N-lauroyl sarcosinate			No data available					
1-Dodecanamine, N,N-dimethyl-, N-oxide			No data available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
N,N-dimethyltetradecylamine N-oxide	No data available
sodium hypochlorite	Not applicable
sodium hydroxide	No data available
sodium N-lauroyl sarcosinate	No data available
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
N,N-dimethyltetradecylamine N-oxide	No data available
sodium hypochlorite	Not applicable
sodium hydroxide	No data available
sodium N-lauroyl sarcosinate	No data available
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available

**Aspiration hazard**

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

**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**



Revision: 2018-01-25  
First release : 2016-01-14

**TASKI HYPOGEL**

Version: 01.0

**12.1 Toxicity**

No 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)
N,N-dimethyltetradecylamine N-oxide	LC <sub>50</sub>	1-10	<i>Brachydanio rerio</i>	OECD 203 (EU C.1)	96
sodium hypochlorite	LC <sub>50</sub>	0.06	<i>Oncorhynchus mykiss</i>	Method not given	96
sodium hydroxide	LC <sub>50</sub>	35	<i>Various species</i>	Method not given	96
sodium N-lauroyl sarcosinate	LC <sub>50</sub>	107	<i>Brachydanio rerio</i>	OECD 203 (EU C.1)	96
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available			

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
N,N-dimethyltetradecylamine N-oxide	EC <sub>50</sub>	> 1-10	<i>Daphnia magna Straus</i>	OECD 202 (EU C.2)	48
sodium hypochlorite	EC <sub>50</sub>	0.035	<i>Ceriodaphnia dubia</i>	OECD 202 (EU C.2)	48
sodium hydroxide	EC <sub>50</sub>	40.4	<i>Ceriodaphnia sp.</i>	Method not given	48
sodium N-lauroyl sarcosinate	EC <sub>50</sub>	29.7	<i>Daphnia magna Straus</i>	OECD 202 (EU C.2)	48
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
N,N-dimethyltetradecylamine N-oxide	EC <sub>50</sub>	0.47	<i>Pseudokirchneriella subcapitata</i>	OECD 201 (EU C.3) Read across	72
sodium hypochlorite	NOEC	0.0021	<i>Not specified</i>	Method not given	168
sodium hydroxide	EC <sub>50</sub>	22	<i>Photobacterium phosphoreum</i>	Method not given	0.25
sodium N-lauroyl sarcosinate	E <sub>b</sub> C <sub>50</sub>	39	<i>Desmodesmus subspicatus</i>	OECD 201 (EU C.3)	72
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
N,N-dimethyltetradecylamine N-oxide		No data available			-
sodium hypochlorite	EC <sub>50</sub>	0.026	<i>Crassostrea virginica</i>	Method not given	2
sodium hydroxide		No data available			-
sodium N-lauroyl sarcosinate		No data available			-
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
N,N-dimethyltetradecylamine N-oxide	EC <sub>50</sub>	56	<i>Pseudomonas putida</i>	DIN 38412 / Part 8 Read across	
sodium hypochlorite		0.375	<i>Activated sludge</i>	Method not given	
sodium hydroxide		No data available			
sodium N-lauroyl sarcosinate		No data available			
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available			

Revision: 2018-01-25  
First release : 2016-01-14

**TASKI HYPOGEL**

Version: 01.0

**Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
N,N-dimethyltetradecylamine N-oxide		No data available				
sodium hypochlorite	NOEC	0.04	<i>Menidia pelinsulae</i>	Method not given	96 hour(s)	
sodium hydroxide		No data available				
sodium N-lauroyl sarcosinate		No data available				
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
N,N-dimethyltetradecylamine N-oxide		No data available				
sodium hypochlorite		No data available				
sodium hydroxide		No data available				
sodium N-lauroyl sarcosinate		No data available				
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available				

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
N,N-dimethyltetradecylamine N-oxide		No data available			-	
sodium hypochlorite		No data available			-	
sodium hydroxide		No data available			-	
sodium N-lauroyl sarcosinate		No data available			-	
1-Dodecanamine, N,N-dimethyl-, N-oxide		No data available				

**Terrestrial toxicity**

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

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
N,N-dimethyltetradecylamine N-oxide		No data available			-	
sodium hypochlorite		No data available			-	
sodium hydroxide		No data available			-	
sodium N-lauroyl sarcosinate		No data available			-	

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
N,N-dimethyltetradecylamine N-oxide		No data available			-	
sodium hypochlorite		No data available			-	
sodium hydroxide		No data available			-	
sodium N-lauroyl sarcosinate		No data available			-	

Terrestrial toxicity - birds, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
N,N-dimethyltetradecylamine N-oxide		No data available			-	

Revision: 2018-01-25  
First release : 2016-01-14

**TASKI HYPOGEL**

Version: 01.0

sodium hypochlorite		No data available			-	
sodium hydroxide		No data available			-	
sodium N-lauroyl sarcosinate		No data available			-	

Terrestrial toxicity - beneficial insects, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
N,N-dimethyltetradecylamine N-oxide		No data available			-	
sodium hypochlorite		No data available			-	
sodium hydroxide		No data available			-	
sodium N-lauroyl sarcosinate		No data available			-	

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
N,N-dimethyltetradecylamine N-oxide		No data available			-	
sodium hypochlorite		No data available			-	
sodium hydroxide		No data available			-	
sodium N-lauroyl sarcosinate		No data available			-	

**12.2 Persistence and degradability**

**Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

Ingredient(s)	Half-life time	Method	Evaluation	Remark
sodium hypochlorite	115 day(s)	Indirect photo-oxidation		
sodium hydroxide	13 second(s)	Method not given	Rapidly photodegradable	

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
N,N-dimethyltetradecylamine N-oxide			> 60 % in 28 day(s)	OECD 301D	Readily biodegradable
sodium hypochlorite					Not applicable (inorganic substance)
sodium hydroxide					Not applicable (inorganic substance)
sodium N-lauroyl sarcosinate			90.9 % in 2 day(s)	OECD 301E	Readily biodegradable
1-Dodecanamine, N,N-dimethyl-, N-oxide				OECD 301D	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log K<sub>ow</sub>)

Ingredient(s)	Value	Method	Evaluation	Remark
N,N-dimethyltetradecylamine N-oxide	No data available		No bioaccumulation expected	
sodium hypochlorite	-3.42	Method not given	No bioaccumulation expected	
sodium hydroxide	No data available		Not relevant, does not bioaccumulate	
sodium N-lauroyl sarcosinate	No data available		No bioaccumulation expected	
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
---------------	-------	---------	--------	------------	--------

Revision: 2018-01-25  
First release : 2016-01-14

**TASKI HYPOGEL**

Version: 01.0

N,N-dimethyltetradecyl amine N-oxide	No data available				
sodium hypochlorite	No data available				
sodium hydroxide	No data available				
sodium N-lauroyl sarcosinate	No data available				
1-Dodecanamine, N,N-dimethyl-, N-oxide	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
N,N-dimethyltetradecylamine N-oxide	No data available				
sodium hypochlorite	1.12				High potential for mobility in soil
sodium hydroxide	No data available				Mobile in soil
sodium N-lauroyl sarcosinate	No data available				
1-Dodecanamine, N,N-dimethyl-, N-oxide	No data available				

**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:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.  
20 01 15\* - alkalines.

**European Waste Catalogue:**

**Empty packaging**

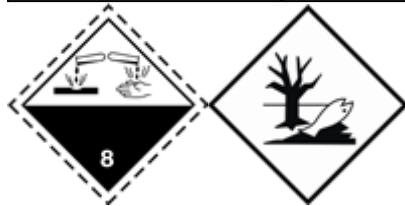
**Recommendation:**

Dispose of observing national or local regulations.

**Suitable cleaning agents:**

Water, if necessary with cleaning agent.

**SECTION 14: Transport information**



**Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)**

**14.1 UN number:** 1719

**14.2 UN proper shipping name:**

Caustic alkali liquid, n.o.s. ( sodium hydroxide , hypochlorite )

**14.3 Transport hazard class(es):**

**Class:** 8

**Label(s):** 8

**14.4 Packing group:** III

**14.5 Environmental hazards:**

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

**14.6 Special precautions for user:** None known.

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

**Other relevant information:**

**ADR**

**Classification code:** C5

**Tunnel restriction code:** E

**Hazard identification number:** 80

**IMO/IMDG**

**EmS:** F-A, S-B

Revision: 2018-01-25  
First release : 2016-01-14

TASKI HYPOGEL

Version: 01.0

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

## SECTION 15: Regulatory information

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

#### National regulations

- 11 Aralık 2013 tarihli, 28848 Sayılı, Maddelerin Ve Karışımların Sınıflandırılması, Etiketlenmesi Ve Ambalajlanması Hakkında Yönetmelik.

#### Ingredients according to EC Detergents Regulation 648/2004

non-ionic surfactants, disinfectants, anionic surfactants  
perfumes

< 5 %

## 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*

SDS code: MSDS0755

Version: 01.0

Revision: 2018-01-25

Güvenlik Bilgi Formu Zararlı Maddeler ve Karışımlara İlişkin Güvenlik Bilgi Formları Hakkında Yönetmelik (R.G. 13.12.2014-29204)'e Göre düzenlenmiştir.

#### Edited by:

Kader Merve Yaman / Sertifikalı GBF Hazırlayıcısı  
Sertifika No ve tarihi: GBF01.12.03/20.01.2018  
Diversey Kimya Sanayi ve Ticaret A.Ş.  
İçerenköy Mah. Bahçelerarası Sk.  
No: 43, 34752, Ataşehir, İstanbul, Türkiye  
Tel: 0216 578 64 00, Faks: 0216 578 64 01

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

- 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.
- H330 - Fatal if inhaled.
- H335 - May cause respiratory irritation.
- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.
- H411 - Toxic to aquatic life with long lasting effects.
- EUH031 - Contact with acids liberates toxic gas.

#### 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
- ATE - Acute Toxicity Estimate

End of Safety Data Sheet