

## Andy Professional Gold

Revision: 2025-04-14

Version: 05.0

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

#### 1.1 Product identifier

**Trade name:** Andy Professional Gold

*Andy is a registered trade mark and is used under licence of Unilever*

UFI: FNXJ-R1PD-T00X-TXA7

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

**Product use:**

Metal cleaning agent.

Hard surface cleaner.

For professional use only.

**Uses advised against:**

Uses other than those identified are not recommended.

#### SWED - Sector-specific worker exposure description :

AISE\_SWED\_PW\_8a\_2

AISE\_SWED\_PW\_4\_1

AISE\_SWED\_PW\_19\_1

#### 1.3 Details of the supplier of the safety data sheet

Diversey Europe Operations BV, De Corridor 4, 3621ZB Breukelen [Maarssebroeksedijk 2, 3542DN Utrecht], The Netherlands

#### Contact details

Diversey S.P.A.

Strada Statale 235, 26010 Bagnolo Cremasco (CR)

Tel: 039 959 1150, E-mail: info.italy@solenis.com

#### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible).

Bergamo - CAV Azienda Ospedaliera Papa Giovanni XXIII, Tel. 800.88.33.00

Firenze - CAV Azienda Ospedaliera "Careggi" U.O. Tossicologia Medica, Tel. (+39) 055.794.7819

Foggia - CAV "Azienda Ospedaliera Università di Foggia", Tel. 800.183.459

Milano - CAV Ospedale Niguarda, Tel. (+39) 02.66.1010.29

Napoli - CAV "Azienda Ospedaliera A. Cardarelli", Tel. (+39) 081.545.3333

Pavia - CAV Centro Nazionale di Informazione Tossicologica, Tel. (+39) 0382.24.444

Roma - CAV "Ospedale Pediatrico Bambino Gesù", Tel. (+39) 06.6859.3726

Roma - CAV Policlinico "A. Gemelli", Tel. (+39) 06.305.4343

Roma - CAV Policlinico "Umberto I", Tel. (+39) 06.4997.8000

Verona - CAV Centro antiveneni Veneto, Tel. 800.011.858.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Eye irritation, Category 2 (H319)

Chronic aquatic toxicity, Category 3 (H412)

#### 2.2 Label elements



**Signal word:** Warning.

#### Hazard statements:

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

#### 2.3 Other hazards

No other hazards known.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	931-329-6	-	01-211949010 0-53	Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318) Chronic aquatic toxicity, Category 2 (H411)		3-10
potassium alkylbenzenesulphonate	287-337-9	85480-57-5	[1]	Acute toxicity - Oral, Category 4 (H302) Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318)		1-3

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

ATE, if available, are listed in section 11.

[1] 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.

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

<b>Inhalation:</b>	Get medical attention or advice if you feel unwell.
<b>Skin contact:</b>	Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
<b>Eye contact:</b>	Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention.
<b>Ingestion:</b>	Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
<b>Self-protection of first aider:</b>	Consider personal protective equipment as indicated in subsection 8.2.

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

<b>Inhalation:</b>	No known effects or symptoms in normal use.
<b>Skin contact:</b>	No known effects or symptoms in normal use.
<b>Eye contact:</b>	Causes severe irritation.
<b>Ingestion:</b>	No known effects or symptoms in normal use.

### 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

Wear eye/face protection.

### 6.2 Environmental precautions

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

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

### 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

## Andy Professional Gold

**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.

**Advice 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. Avoid contact with eyes. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

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

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. 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:

**Recommended monitoring procedures, if available:****Additional exposure limits under the conditions of use, if available:****DNEL/DMEL and PNEC values****Human exposure**

DNEL/DMEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	-	-	-	6.25
potassium alkylbenzenesulphonate	-	-	-	0.425

DNEL/DMEL dermal exposure - Worker

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	-	-	0.09 mg/cm <sup>2</sup> skin	4.16
potassium alkylbenzenesulphonate	No data available	-	No data available	-

DNEL/DMEL 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)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	No data available	-	0.056 mg/cm <sup>2</sup> skin	2.5
potassium alkylbenzenesulphonate	No data available	-	No data available	-

DNEL/DMEL inhalatory exposure - Worker (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	-	-	-	73.4
potassium alkylbenzenesulphonate	-	-	-	-

DNEL/DMEL inhalatory exposure - Consumer (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	-	-	-	21.73
potassium alkylbenzenesulphonate	-	-	-	-

## Andy Professional Gold

**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)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	0.007	0.0007	0.024	830
potassium alkylbenzenesulphonate	-	-	-	-

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m <sup>3</sup> )
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	0.0424	-	0.0189	-
potassium alkylbenzenesulphonate	-	-	-	-

**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:

**Appropriate engineering controls:** No special requirements under normal use conditions.  
**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel.

**REACH use scenarios considered for the undiluted product:**

	SWED - Sector-specific worker exposure description	LCS	PROC	Duration (min)	ERC
Manual transfer and dilution	AISE_SWED_PW_8a_2	PW	PROC 8a	60	ERC8a

**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 (EN 16321).

**Hand protection:** No special requirements under normal use conditions.

**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 (% w/w): 5

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

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

**REACH use scenarios considered for the diluted product:**

	SWED	LCS	PROC	Duration (min)	ERC
Manual application	AISE_SWED_PW_19_1	PW	PROC 19	480	ERC8a
Automatic application in a dedicated system	AISE_SWED_PW_4_1	PW	PROC 4	480	ERC8a

**Personal protective equipment**

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

**Hand protection:** No special requirements under normal use conditions.

**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:** Opaque , Pale , Green

## Andy Professional Gold

**Odour:** Product specific**Odour threshold:** Not applicable**Melting point/freezing point (°C):** -50**Initial boiling point and boiling range (°C):** Not determined

Not relevant to classification of this product

See substance data

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	> 100	Method not given	
potassium alkylbenzenesulphonate	No data available		

**Method / remark****Flammability (solid, gas):** Not applicable to liquids**Flammability (liquid):** Not flammable.**Flash point (°C):** > 100 °C

closed cup

**Sustained combustion:** Not applicable.*( UN Manual of Tests and Criteria, section 32, L.2 )***Lower and upper explosion limit/flammability limit (%):** Not determined

Substance data, flammability or explosive limits, if available:

**Method / remark****Autoignition temperature:** Not determined**Decomposition temperature:** Not applicable.**pH:** ≈ 10 (neat)**Dilution pH:** ≈ 10 (5 %)**Kinematic viscosity:** Not determined**Solubility in / Miscibility with water:** Fully miscible

ISO 4316

ISO 4316

DM-006 Viscosity - Standard

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	0.015-0.030	Method not given	20
potassium alkylbenzenesulphonate	No data available		

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

**Method / remark****Vapour pressure:** Not determined

See substance data

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	0.00014	Method not given	20
potassium alkylbenzenesulphonate	< 1	Read across	

**Method / remark****Relative density:** ≈ 1.10 (20 °C)**Relative vapour density:** No data available.**Particle characteristics:** No data available.

OECD 109 (EU A.3)

Not relevant to classification of this product

Not applicable to liquids.

**9.2 Other information****9.2.1 Information with regard to physical hazard classes****Explosive properties:** Not explosive.**Oxidising properties:** Not oxidising.**Corrosion to metals:** Not corrosive**9.2.2 Other safety characteristics**

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**

## Andy Professional Gold

None known under normal storage and use conditions.

**10.5 Incompatible materials**

None known under normal use conditions.

**10.6 Hazardous decomposition products**

None known under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Mixture data: .

**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): >2000

**Eye irritation and corrosivity**

**Result:** Eye irritant 2

**Method:** Weight of evidence

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)	ATE Oral (mg/kg)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	LD <sub>50</sub>	> 2000	Rat	OECD 401 (EU B.1)		Not established
potassium alkylbenzenesulphonate	LD <sub>50</sub>	1080	Rat	OECD 401 (EU B.1)		1080

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE Dermal (mg/kg)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	LD <sub>50</sub>	> 2000	Rabbit	Method not given		Not established
potassium alkylbenzenesulphonate		No data available				Not established

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)		No data available			
potassium alkylbenzenesulphonate		No data available			

Acute inhalative toxicity, continued

Ingredient(s)	ATE - inhalation, dust (mg/l)	ATE - inhalation, mist (mg/l)	ATE - inhalation, vapour (mg/l)	ATE - inhalation, gas (mg/l)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	Not established	Not established	Not established	Not established
potassium alkylbenzenesulphonate	Not established	Not established	Not established	Not established

**Irritation and corrosivity**

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	Irritant	Rabbit	OECD 404 (EU B.4)	4 hour(s)
potassium alkylbenzenesulphonate	Irritant	Rabbit	OECD 404 (EU B.4)	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	Severe damage	Rabbit	OECD 405 (EU B.5)	
potassium alkylbenzenesulphonate	Severe damage	Rabbit	OECD 405 (EU B.5)	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	No data available			
potassium alkylbenzenesulphonate	No data available			

**Sensitisation**

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
potassium alkylbenzenesulphonate	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	No data available			
potassium alkylbenzenesulphonate	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)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13)	No evidence of genotoxicity, negative test results	OECD 474 (EU B.12)
potassium alkylbenzenesulphonate	No data available		No data available	

Carcinogenicity

Ingredient(s)	Effect
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	No evidence for carcinogenicity, negative test results
potassium alkylbenzenesulphonate	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
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	NOAEL	Teratogenic effects Maternal toxicity	> 1000	Rat	OECD 414 (EU B.31), oral		
potassium alkylbenzenesulphonate			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
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	NOAEL	> 750	Rat	OECD 407 (EU B.7)	28	
potassium alkylbenzenesulphonate		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
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	NOEL	50	Rat	Method not given	90	
potassium alkylbenzenesulphonate		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
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)		No data available				
potassium alkylbenzenesulphonate		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
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	Oral	NOEL	> 50	Rat	Method not given	90 day(s)		
potassium alkylbenzenesulphonate			No data available					

## Andy Professional Gold

STOT-single exposure

Ingredient(s)	Affected organ(s)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	Not applicable
potassium alkylbenzenesulphonate	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	No data available
potassium alkylbenzenesulphonate	No data available

**Aspiration hazard**

Substances with an aspiration hazard (H304), if any, are listed in section 3.

**Potential adverse health effects and symptoms**

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

**11.2 Information on other hazards****11.2.1 Endocrine disrupting properties**

Endocrine disrupting properties - Human data, if available:

**11.2.2 Other information**

No other relevant information available.

**SECTION 12: Ecological information****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)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	LC <sub>50</sub>	2.4	<i>Oncorhynchus mykiss</i>	OECD 203, semi-static	96
potassium alkylbenzenesulphonate		No data available			

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	EC <sub>50</sub>	3.2	<i>Daphnia magna Straus</i>	OECD 202, static	48
potassium alkylbenzenesulphonate		No data available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	E <sub>r</sub> C <sub>50</sub>	3.9	<i>Desmodesmus subspicatus</i>	OECD 201 (EU C.3)	72
potassium alkylbenzenesulphonate		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)		No data available			
potassium alkylbenzenesulphonate		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	EC <sub>50</sub>	> 1000		Method not given	0.5 hour(s)
potassium alkylbenzenesulphonate		No data available			

## Andy Professional Gold

**Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	NOEC	1	<i>Oncorhynchus mykiss</i>	OECD 203	96 hour(s)	
potassium alkylbenzenesulphonate		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	NOEC	1	<i>Daphnia magna</i>	OECD 202	48 hour(s)	
potassium alkylbenzenesulphonate		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
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)		No data available				
potassium alkylbenzenesulphonate		No data available				

**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
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)			> 60 % in 28 day(s)	OECD 301D	Readily biodegradable
potassium alkylbenzenesulphonate	Activated sludge, aerobe	CO <sub>2</sub> production	> 89% 89% in 29 day(s)	Weight of evidence OECD 301B	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 Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	3.52	Method not given	Low potential for bioaccumulation	
potassium alkylbenzenesulphonate	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
amides, C8-18 (even numbered) and	65.36		Method not given	Low potential for bioaccumulation	

## Andy Professional Gold

C18-unsatd., N, N-bis(hydroxyethyl)					
potassium alkylbenzenesulphonate	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
amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	241				
potassium alkylbenzenesulphonate	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 Endocrine disrupting properties**

Endocrine disrupting properties - Environmental effects, if available:

**12.7 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.

**European Waste Catalogue:**

20 01 29\* - detergents containing dangerous substances.

**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 or ID 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 Maritime transport in bulk according to IMO instruments:** Non-dangerous goods**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations:**

- Regulation (EC) No. 1907/2006 - REACH
- Regulation (EC) No 1272/2008 - CLP
- Regulation (EC) No. 648/2004 - Detergents regulation
- substances identified as having endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605
- Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- International Maritime Dangerous Goods (IMDG) Code

**Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII):** Not applicable.**Ingredients according to EC Detergents Regulation 648/2004**

phosphates

5 - 15 %

anionic surfactants, soap

&lt; 5 %

perfumes, Limonene, Linalool, Coumarin

## Andy Professional Gold

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.

**Seveso - Classification:** Not classified

**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*

**SDS code:** 199218

**Version:** 05.0

**Revision:** 2025-04-14

**Reason for revision:**

This data sheet contains changes from the previous version in section(s):, Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006, 1, 6, 7, 8, 9, 11, 12, 15, 16

**Classification procedure**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

**Abbreviations and acronyms:**

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- ATE - Acute Toxicity Estimate
- DNEL - Derived No Effect Limit
- EC50 - effective concentration, 50%
- ERC - Environmental release categories
- EUH - CLP Specific hazard statement
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LCS - Life cycle stage
- LD50 - Lethal Dose, 50% / Median Lethal dose
- NOAEL - No observed adverse effect level
- NOEL - No observed effect level
- OECD - Organisation for Economic Cooperation and Development
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- PROC - Process categories
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- H302 - Harmful if swallowed.
- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H411 - Toxic to aquatic life with long lasting effects.

**End of Safety Data Sheet**