

**GEMINI CLEANER**

Issued on 06/21/2012 - Rel. # 6 on 09/25/2018

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In conformity to Regulation (EU) 2015/830

**SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name : GEMINI CLEANER  
Trades code : 012A290560

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

Disinfectant cleaner  
Sectors of use:  
Professional use[SU22]

Uses advised against  
Do not use for purposes other than those listed

**1.3. Details of the supplier of the safety data sheet**

Allegrini S.p.A.  
Vicolo Salvo d'Acquisto, 2  
24050 Grassobbio (BG) Italy  
Tel. +39 035 4242111  
e-mail: msds@allegrini.com

Produced by  
Allegrini S.p.A.

**1.4. Emergency telephone number**

Allegrini SpA: Tel. +39 035 4242111 Mon. - Fri. 8.00 - 17.00 GMT +1

**SECTION 2. Hazards identification****2.1. Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:  
GHS05, GHS09

Hazard Class and Category Code(s):  
Met. Corr. 1, Skin Corr. 1, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 2

Hazard statement Code(s):  
H290 - May be corrosive to metals.  
H314 - Causes severe skin burns and eye damage.  
H318 - Causes serious eye damage.  
H400 - Very toxic to aquatic life. (Acute toxicity M-factor = 1)  
H411 - Toxic to aquatic life with long lasting effects.

The product can be corrosive to metals  
Corrosive product: causes severe skin burns and eye damage.  
If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

The product is dangerous for the environment as it is very toxic to aquatic organisms  
The product is dangerous to the environment as it is toxic to aquatic life with long lasting effects

**2.2. Label elements**

Labelling according to Regulation (EC) No 1272/2008:

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Pictogram, Signal Word Code(s):  
GHS05, GHS09 - Danger



Hazard statement Code(s):  
H290 - May be corrosive to metals.  
H314 - Causes severe skin burns and eye damage.  
H410 - Very toxic to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):  
unavailable

Precautionary statements:

Prevention

- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response

- 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.
- P310 - Immediately call a POISON CENTER/doctor.

Disposal

- P501 - Dispose of contents/container in accordance to local regulation.

Contains: Sodium Hypochlorite (% Cl active) (\*)

Contains (Reg.EC 648/2004): < 5% chlorine-based bleaching agents, anionic surfactants, amphoteric surfactants, polycarboxylates, phosphates, perfumes

**2.3. Other hazards**

The substance / mixture does NOT contain substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

The utilization of this chemical agent cause the obligation of "Risks Evaluation" from employer according to dispositions of Dlgs. April 9th 2008 no. 81. Workers exposed to this chemical agent do not have to be subjected to sanitary supervision if the results of risks evaluation show that, according to typology and quantity of chemical agent and according to method and frequency of exposure to that agent, we only have "moderate risk" for health and safety of workers and that measures foreseen by the Dlgs. are sufficient to reduce the risk.

**SECTION3. Composition/information on ingredients**

**3.1 Substances**

Irrilevant

**3.2 Mixtures**

Refer to paragraph 16 for full text of hazard statements.

NOTE: SUBSTANCES MARKED WITH (\*) HAVE SPECIFIC LIMITS

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Sodium Hypochlorite (% Cl active) (*)	> 1 < 5%	EUH031; Met. Corr. 1, H290; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute toxicity M-factor = 10	017-011-00-1	7681-52-9	231-668-3	01-2119488 154-34

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Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Sodium Lauryl Sarcosinate	$\geq 1 \leq 5\%$	Skin Irrit. 2, H315; Eye Dam. 1, H318; Acute Tox. 2, H330	n.d.	137-16-6	205-281-5	01-2119527 780-39
Sodium Hydroxide (*)	$\geq 0,1 < 1\%$	Met. Corr. 1, H290; Skin Corr. 1A, H314	011-002-00-6	1310-73-2	215-185-5	01-2119457 892-27
C14 amine oxide	$> 0,1 \leq 1\%$	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411	n.d.	3332-27-2	222-059-3	01-2119949 262-37
Amines, coco alkyl dimethyl, N-oxides	$> 0,1 < 1\%$	Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 1, H400	n.d.	61788-90-7	287-011-6	n.d.

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

**Inhalation:**

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek for medical advice.

**Direct contact with skin (of the pure product):**

Take contaminated clothing immediately off.  
In case of contact with skin, wash immediately with water.  
Consult a physician immediately

**Direct contact with eyes (of the pure product):**

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately  
Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

**Ingestion:**

Drink water with egg white; do not give bicarbonate.  
Absolutely do not induce vomiting or emesis. Seek for medical advice immediately.

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

No data available.

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

Immediately call a POISON CENTER/doctor.

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

**Advised extinguishing agents:**

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

**Extinguishing means to avoid:**

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

**5.2. Special hazards arising from the substance or mixture**

No data available.

**5.3. Advice for firefighters**

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

**SECTION 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

6.1.2 For emergency responders:

Wear mask, gloves and protective clothing.

Eliminate all unattended flames and possible sources of ignition. Do not smoke.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

**6.2. Environmental precautions**

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.

Discharge the remains in compliance with the regulations

**6.3. Methods and material for containment and cleaning up**

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

**6.4. Reference to other sections**

Refer to paragraphs 8 and 13 for more information

**SECTION 7. Handling and storage****7.1. Precautions for safe handling**

Avoid contact and inhalation of vapors

While working do not eat or drink.

See also paragraph 8 below.

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

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool place, away from sources of heat and direct exposure of sunlight.

### 7.3. Specific end use(s)

Professional use:

Handle with care. Store in a cool place, away from sources of heat. Keep in original container closed tightly.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Related to contained substances:

Sodium Hypochlorite (% Cl active) (\*):

LV: 0.5 ppm, 1.5 mg/m<sup>3</sup> (15min) (D.Lgs 81/08 IT)

DNEL

Systemic effects Long term Workers inhalation = 1,55 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers inhalation = 1,55 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers oral = 0,26 (mg/kg bw/day)

Local effects Long term Workers inhalation = 1,55

Local effects Long term Consumers dermal = 3,1 (mg/kg bw/day)

Local effects Long term Consumers inhalation = 1,55 (mg/m<sup>3</sup>)

Local effects Short term Workers inhalation = 3,1 (mg/m<sup>3</sup>)

PNEC

Sweet water = 0,00021 (mg/l)

Sea water = 0,000042 (mg/l)

Sodium Hydroxide (\*):

TLV/TWA: 2 mg/m<sup>3</sup> (value Ceiling) (ACGIH 2004).

DNEL

Local effects Long term Workers inhalation = 1

Local effects Long term Consumers inhalation = 1 (mg/m<sup>3</sup>)

Sodium Lauryl Sarcosinate

DNEL

Systemic effects Long term Workers inhalation = 70,53 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 20 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 17,39 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers dermal = 10 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 10 (mg/kg bw/day)

PNEC

Sweet water = 0,009 (mg/l)

sediment Sweet water = 0,064 (mg/kg/sediment)

Sea water = 0,001 (mg/l)

sediment Sea water = 0,006 (mg/kg/sediment)

intermittent emissions = 0,089 (mg/l)

STP = 3 (mg/l)

ground = 0,008 (mg/kg ground)

C14 amine oxide

DNEL

Systemic effects Long term Workers inhalation = 6,2 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 11 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 1,53 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers dermal = 5,5 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 440 (mg/kg bw/day)

PNEC

Sweet water = 0,0335 (mg/l)

sediment Sweet water = 5,24 (mg/kg/sediment)

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Sea water = 0,00335 (mg/l)  
 sediment Sea water = 0,524 (mg/kg/sediment)  
 intermittent emissions = 0,0335 (mg/l)  
 STP = 24 (mg/l)  
 ground = 1,02 (mg/kg ground)

**8.2. Exposure controls**



Appropriate engineering controls:  
 Professional use:  
 No specific control provided.

Individual protection measures:

- (a) Eye / face protection  
 When handling the pure product use safety glasses (spectacles cage) (EN 166).
- (b) Skin protection
  - (i) Hands protection  
 When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)
  - (ii) Other  
 When handling the pure product wear full protective skin clothing.
- (c) Respiratory protection  
 Use adequate protective respiratory equipment (EN 14387:2008)
- (d) Thermal hazards  
 No hazard to report

Environmental exposure controls:  
 Use according to good working practices to avoid pollution into the environment.

**SECTION 9. Physical and chemical properties**

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

Physical and chemical properties	Value	Determination method
Appearance	clear yellowish liquid	
Odour	chlorine / scented	
Odour threshold	irrelevant	
pH	12 - 13	
Melting point/freezing point	< 0°C	
Initial boiling point and boiling range	approx. 100°C	
Flash point	non flammable	
Evaporation rate	unavailable	
Flammability (solid, gas)	non flammable	
Upper/lower flammability or explosive limits	non flammable	
Vapour pressure	unavailable	
Vapour density	unavailable	

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Physical and chemical properties	Value	Determination method
Relative density	1.085 g/ml	
Solubility	in water	
Water solubility	complete	
Partition coefficient: n-octanol/water	unavailable	
Auto-ignition temperature	unavailable	
Decomposition temperature	unavailable	
Viscosity	unavailable	
Explosive properties	not explosive	
Oxidising properties	non-oxidizing	

## 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazard.

### 10.2. Chemical stability

The product is stable.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

Nothing to report

### 10.5. Incompatible materials

Aluminium and light alloys.

### 10.6. Hazardous decomposition products

It does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

ATE(mix) oral = n.d.

ATE(mix) dermal = n.d.

ATE(mix) inhal = n.d.

(a) acute toxicity: based on available data, the classification criteria are not satisfied.

(b) skin corrosion/irritation Corrosive product: causes severe skin burns and eye damage.

(c) serious eye damage/irritation: Corrosive product: causes severe skin burns and eye damage. - If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

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- (d) respiratory or skin sensitization: based on available data, the classification criteria are not satisfied.
- (e) germ cell mutagenicity: based on available data, the classification criteria are not satisfied.
- (f) carcinogenicity: based on available data, the classification criteria are not satisfied.
- (g) reproductive toxicity: based on available data, the classification criteria are not satisfied.
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not satisfied.
- (i) specific target organ toxicity (STOT) repeated exposure Sodium Lauryl Sarcosinate: NOAEL oral (rat): 30 mg/kg (90d)
- (j) aspiration hazard: based on available data, the classification criteria are not satisfied.

Related to contained substances:

Sodium Hypochlorite (% Cl active) (\*):

LD50 (rat) Oral (mg/kg body weight) = 1100

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 20000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 10,5

Sodium Lauryl Sarcosinate:

LD50 (rat) Oral (mg/kg body weight) = 5000

Sodium Hydroxide (\*)

LD L0 oral rabbit : = 500 mg/kg

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 1300

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 4800

C14 amine oxide:

LD50 (rat) Oral (mg/kg body weight) = 5000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2000

## SECTION 12. Ecological information

### 12.1. Toxicity

Related to contained substances:

Sodium Hypochlorite (% Cl active) (\*):

C(E)L50 (mg/l) = 0,04

Acute toxicity M-factor = 10

Sodium Lauryl Sarcosinate:

LC50 (fish) : 32.1 mg/l (96h)

EC50 (daphnia) : 8.91 mg/l (48h)

EC50 (algae) : 79 mg/l (72h)

Sodium Hydroxide (\*):

LC50 (fish): 189 mg/l (48h)

EC50 (daphnia): 40.4 mg/l (48h)

C14 amine oxide:

LC50 (fish): > 2.4 mg/l (96h)

LC50 (daphnia): > 11 mg/l (48h)

LC50 (algae): > 0.2 mg/l (72h)

The product is dangerous for the environment as it is very toxic to aquatic organisms following acute exposure. Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

Related to contained substances:



Sodium Lauryl Sarcosinate:  
 Degradability : 82% (28d) (ISO Guideline No 14593)

C14 amine oxide:  
 Biodegradability: 67.5% (28d) (OECD Guideline 301 B)  
 Ready Biodegradability.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

The substance / mixture does NOT contain substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

**12.6. Other adverse effects**

No adverse effects

Regulation (EC) No 2006/907 - 2004/648

Surfactants contained in this formula are in compliance with biodegradability parameters established by regulation EC 648/2004 related to detergents.

All supporting information are on hand of authorities of member countries and will be supplied to above mentioned authorities according to their explicit request or following producer's request.

**SECTION 13. Disposal considerations**

**13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

**SECTION 14. Transport information**

**14.1. UN number**

ADR/RID/IMDG/ICAO-IATA: 1791



If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 5 L per package 30 Kg

Inner packagings placed in skrink-wrapped or stretch-wrapped trays: per inner packaging 5 L per package 20 Kg

**14.2. UN proper shipping name**

ADR/RID/IMDG: HYPOCHLORITE SOLUTION

ICAO-IATA: HYPOCHLORITE SOLUTION

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

ADR/RID/IMDG/ICAO-IATA: Class : 8

ADR/RID/IMDG/ICAO-IATA: Label : 8+Environment

ADR: Tunnel restriction code : E

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 5 L

IMDG - EmS : F-A, S-B

**14.4. Packing group**

ADR/RID/IMDG/ICAO-IATA: III

**14.5. Environmental hazards**

ADR/RID/ICAO-IATA: Product is environmentally hazardous  
 IMDG: Marine polluting agent : Yes

**14.6. Special precautions for user**

Transport must be executed through vehicles authorized for transport of dangerous goods, according to regulations of current edition of agreement A.D.R. and to national dispositions applicable.  
 Transport must be done in original packaging and, however, they must be made of materials unassailable by the content and not able to create dangerous reactions. Staff assigned to loading and unloading of dangerous goods must be well educated to hazards of the product and procedures to be adopted in case of emergency situation.

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

It is not intended to carry bulk

**SECTION 15. Regulatory information**

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

D.Lgs. 3/2/1997 n. 52 (Classification, packaging and labelling of dangerous substances). D.Lgs 14/3/2003 n. 65 (Classification, packaging and labelling of dangerous preparations). D.Lgs. 2/2/2002 n. 25 (Risks derived from chemical agents during work). D.M. Labour 26/02/2004 (Limits for professional exposure). D.M. 03/04/2007 (Fulfillment of EU regulation 2006/8). EU Regulation n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008 (CLP). Regulation (CE) n.790/2009.D.Lgs. 21/09/2005 n. 238 (Direttiva Seveso Ter). It Contains : Sodium Lauryl Sarcosinate - REACH Annex 17 restriction: 3  
 Seveso category: E1 - ENVIRONMENTAL HAZARDS

**15.2. Chemical safety assessment**

No chemical safety assessment was carried out by the supplier

**SECTION 16. Other information**

**16.1. Other information**

Points modified compared to previous release: 1.2. Relevant identified uses of the substance or mixture and uses advised against, 2.1. Classification of the substance or mixture, 2.2. Label elements, 2.3. Other hazards, 3.2 Mixtures, 4.1. Description of first aid measures, 4.3. Indication of any immediate medical attention and special treatment needed, 6.1. Personal precautions, protective equipment and emergency procedures, 7.1. Precautions for safe handling, 7.3. Specific end use(s), 8.1. Control parameters, 8.2. Exposure controls, 10.1. Reactivity, 10.2. Chemical stability, 10.3. Possibility of hazardous reactions, 10.5. Incompatible materials, 11.1. Information on toxicological effects, 12.1. Toxicity, 12.2. Persistence and degradability, 12.5. Results of PBT and vPvB assessment, 12.6. Other adverse effects, 14.3. Transport hazard class(es), 14.6. Special precautions for user, 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Description of the hazard statements exposed to point 3

- H290 = May be corrosive to metals.
- H314 = Causes severe skin burns and eye damage.
- H400 = Very toxic to aquatic life.
- H410 = Very toxic to aquatic life with long lasting effects.
- H315 = Causes skin irritation.
- H318 = Causes serious eye damage.

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H330 = Fatal if inhaled.

H302 = Harmful if swallowed.

H411 = Toxic to aquatic life with long lasting effects.

Classification based on data of all mixture components

Main regulatory references:

EC Regulation 1907/2006 of the European Parliament (REACH) and subsequent updates

EC Regulation 1272/2008 of the European Parliament (CLP) and subsequent updates

EC Regulation 830/2015 of the European Parliament and subsequent updates

EC Regulation 648/2004 of the European Parliament and subsequent updates

The data contained in the present Safety Information Sheet is based on our current knowledge and provides information regarding the safe management and handling of the product. The present document is not a Certificate of Analysis, nor a technical information sheet, nor does it constitute an agreement regarding the specifications of the product.

\*\*\*This data sheet annuls and substitutes each previous version.

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# AISE GEIS.4.1.a.v1



Version: 1.0, May 2014



## Using a professional product in an open system

Operational conditions	
Maximum duration	480 minutes per day.
Process conditions	Process is carried out at room temperature.
	No LEV needed; good general ventilation at workplace is sufficient.

Risk management measures	
Conditions and measures related to personal protection equipment (PPE), hygiene and health evaluation	No PPE necessary.

Good practise advice	
Don't eat or drink, don't smoke, no open flame	
Wash hands after use Avoid contact with damaged skin Do not mix with other products	
Spillage instructions	Dilute with water and mop up.
Additional good practice advice	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the SDS of the used product.

Environmental measures	
Prevent that the undiluted product reaches surface waters.	

<b>Properties of product composition</b>	
In Section 2 of the SDS of products and on the label the classification of the undiluted product is provided.	
The classification of a product is based on the classified ingredients in the products. All ingredients contributing to the classification of the mixture are mentioned in Section 3 of the SDS.	
Relevant limit values of the ingredients on which the exposure assessment is based, are stated in Section 8 of the SDS.	
This product may contain sensitizing ingredients, that may cause an allergic reaction in certain people. Section 15 of the SDS states these ingredients, when applicable to the product.	

<b>Use descriptors</b>	
<b>SU 22</b>	Professional use
<b>PC 35</b>	Washing and cleaning product
<b>PROC 4</b>	Use in batch and other process (synthesis) where opportunity for exposure arises
<b>ERC 8a</b>	Wide dispersive indoor use of processing aids in open systems
	<b>If appropriate AISE SpERC 8a.1.a.v2 may apply:</b> Wide dispersive use in "Down the drain" cleaning and maintenance products that are treated by a municipal STP.

***Disclaimer:** This is a generic document for communicating conditions of safe use of a product. If a GEIS code is mentioned in Section 1 of the SDS of a product, the formulator of that product declares that all substances in the mixture are present in such concentration, that the use of the product within the conditions of the GEIS CSP documents is safe, according to the GEIS Formulator Guidance. When available, this safe use is ensured by evaluating the results of the chemical safety assessments as performed by the raw material suppliers. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulator has performed a safety assessment himself.*

*Following Occupational Health legislation, the employer of workers that use products that are assessed as safe following GEIS conditions remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, Generic Exposure Information Sheets should always be considered in combination with the SDS and the label of the product. The GEIS Guidance for End Users provides more information.*

*The A.I.S.E. or the NVZ are under no conditions liable for any damage, no matter of what kind, which is the direct or indirect consequence of acts and/or decisions (partly) based on the contents of this document.*





**AISE GEIS.10.1.a.v1**  
Version: 1.0, May 2014



**Brushing a diluted professional product**

<b>Operational conditions</b>	
<b>Maximum duration</b>	480 minutes per day.
<b>Process conditions</b>	Process is carried out at room temperature.
	No LEV needed; good general ventilation at workplace is sufficient.

<b>Risk management measures</b>	
<b>Conditions and measures related to personal protection equipment (PPE), hygiene and health evaluation</b>	No PPE necessary.

<b>Good practise advice</b>	
Don't eat or drink, don't smoke, no open flame	
Wash hands after use Avoid contact with damaged skin Do not mix with other products	
<b>Spillage instructions</b>	Dilute with water and mop up.
<b>Additional good practice advice</b>	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the SDS of the used product.

<b>Environmental measures</b>	
Prevent that the undiluted product reaches surface waters.	

<b>Properties of product composition</b>	
In Section 2 of the SDS of products and on the label the classification of the undiluted product is provided.	
The classification of a product is based on the classified ingredients in the products. All ingredients contributing to the classification of the mixture are mentioned in Section 3 of the SDS.	
Relevant limit values of the ingredients on which the exposure assessment is based, are stated in Section 8 of the SDS.	
This product may contain sensitizing ingredients, that may cause an allergic reaction in certain people. Section 15 of the SDS states these ingredients, when applicable to the product.	

<b>Use descriptors</b>	
<b>SU 22</b>	Professional use
<b>PC 35</b>	Washing and cleaning product
<b>PROC 10</b>	Roller application or brushing
<b>ERC 8a</b>	Wide dispersive indoor use of processing aids in open systems
	<b>If appropriate AISE SpERC 8a.1.a.v2 may apply:</b> Wide dispersive use in "Down the drain" cleaning and maintenance products that are treated by a municipal STP.

***Disclaimer:** This is a generic document for communicating conditions of safe use of a product. If a GEIS code is mentioned in Section 1 of the SDS of a product, the formulator of that product declares that all substances in the mixture are present in such concentration, that the use of the product within the conditions of the GEIS CSP documents is safe, according to the GEIS Formulator Guidance. When available, this safe use is ensured by evaluating the results of the chemical safety assessments as performed by the raw material suppliers. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulator has performed a safety assessment himself.*

*Following Occupational Health legislation, the employer of workers that use products that are assessed as safe following GEIS conditions remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, Generic Exposure Information Sheets should always be considered in combination with the SDS and the label of the product. The GEIS Guidance for End Users provides more information.*

*The A.I.S.E. or the NVZ are under no conditions liable for any damage, no matter of what kind, which is the direct or indirect consequence of acts and/or decisions (partly) based on the contents of this document.*






# AISE GEIS.11.1.b.v1

Version: 1.0, May 2014



## (Trigger) spraying of a professional product

Operational conditions	
Maximum duration	50 minutes per day.
Process conditions	Process is carried out at room temperature.
	In case of dilution, tap water at a maximum temperature of 45 degrees Celcius is used.
	No LEV needed; good general ventilation at workplace is sufficient.
Risk management measures	
Conditions and measures related to personal protection equipment (PPE), hygiene and health evaluation	Use gloves and safety goggles. See Section 8 of the SDS of this product for specifications. 
	Training of the worker in relation to proper use and maintenance of the PPE must be ensured.
Good practise advice	
Don't eat or drink, don't smoke, no open flame	
Wash hands after use Avoid contact with damaged skin Do not mix with other products	
Spillage instructions	Dilute with water and mop up.
Additional good practice advice	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the SDS of the used product.
Environmental measures	
Prevent that the undiluted product reaches surface waters.	



<b>Properties of product composition</b>	
In Section 2 of the SDS of products and on the label the classification of the undiluted product is provided.	
The classification of a product is based on the classified ingredients in the products. All ingredients contributing to the classification of the mixture are mentioned in Section 3 of the SDS.	
Relevant limit values of the ingredients on which the exposure assessment is based, are stated in Section 8 of the SDS.	
This product may contain sensitizing ingredients, that may cause an allergic reaction in certain people. Section 15 of the SDS states these ingredients, when applicable to the product.	

<b>Use descriptors</b>	
<b>SU 22</b>	Professional use
<b>PC 35</b>	Washing and cleaning product
<b>PROC 11</b>	Non-industrial spraying
<b>ERC 8a</b>	Wide dispersive indoor use of processing aids in open systems
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