

**JAMINAL PLUS**

Issued on 11/26/2013 - Rel. # 6 on 07/17/2018

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In conformity to Regulation (EU) 2015/830

**SECTION1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product name : JAMINAL PLUS  
 Trades code : 012A290897

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

Igienizer detergent for hard surfaces  
 Sectors of use:  
 Industrial Manufacturing (all)[SU3], 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

**SECTION2. Hazards identification**

**2.1. Classification of the substance or mixture**

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

Pictograms:  
 GHS05, GHS07, GHS09

Hazard Class and Category Code(s):  
 Skin Corr. 1B, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 3

Hazard statement Code(s):  
 H314 - Causes severe skin burns and eye damage.  
 H335 - May cause respiratory irritation.  
 H400 - Very toxic to aquatic life. (Acute toxicity M-factor = 1)  
 H412 - Harmful to aquatic life with long lasting effects.

Corrosive product: causes severe skin burns and eye damage.  
 If inhaled the product, causes irritations to the respiratory tract.  
 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 harmful to aquatic life with long lasting effects

**2.2. Label elements**

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

Pictogram, Signal Word Code(s):  
 GHS05, GHS07, GHS09 - Danger



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**Hazard statement Code(s):**

- H314 - Causes severe skin burns and eye damage.
- H335 - May cause respiratory irritation.
- 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/eye 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.
- P391 - Collect spillage.

**Disposal**

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

Contains: Didecyldimethylammonium chloride, 2-Aminoethanol (\*)

Contains (Reg.EC 648/2004): > 5% < 15% Didecyldimonium Chloride,< 5% non-ionic surfactants

### 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
2-Aminoethanol (*)	>= 5 <= 10%	Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Corr. 1B, H314; Acute Tox. 4, H332; STOT SE 3, H335	603-030-00-8	141-43-5	205-483-3	01-2119486 455-28
Potassium carbonate	> 1 <= 5%	Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	n.d.	584-08-7	209-529-3	01-2119532 646-36
Alcohols, C16-18, ethoxylated	> 1 < 5%	Eye Irrit. 2, H319	n.d.	68439-49-6	n.d.	n.d.

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Substance	Concentration	Classification	Index	CAS	EINECS	REACH
(>=15 <=25 EO)						
Didecyldimethylammonium chloride	> 5 < 10%	Acute Tox. 4, H302; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Acute toxicity M-factor = 10	n.d.	7173-51-5	230-525-2	01-2119945 987-15
Isopropanol (*)	> 1 < 5%	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	603-117-00-0	67-63-0	200-661-7	01-2119457 558-25

## 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 room.  
CALL A PHYSICIAN.

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.

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### 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.

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### 7.3. Specific end use(s)

Industrial Manufacturing (all):

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

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:

2-Aminoethanol (\*):

TWA (8h): 2.5 mg/m<sup>3</sup> , 1 ppm (skin)

STEL: 7.6 mg/m<sup>3</sup> , 3 ppm (skin)

DNEL

Systemic effects Long term Workers dermal = 1 (mg/kg bw/day)

Systemic effects Long term Consumers dermal = 0,24 (mg/kg bw/day)

Systemic effects Long term Consumers oral = 3,75 (mg/kg bw/day)

Local effects Long term Workers inhalation = 3,3

PNEC

Sweet water = 0,085 (mg/l)

sediment Sweet water = 0,425 (mg/kg/sediment)

Sea water = 0,0085 (mg/l)

sediment Sea water = 0,0425 (mg/kg/sediment)

intermittent emissions = 0,025 (mg/l)

STP = 100 (mg/l)

ground = 0,035 (mg/kg ground)

Isopropanol (\*):

STEL - AGW (DEU)/MAK (DEU)/VLA (ESP): 1000 mg/m<sup>3</sup>; 400 ppm

STEL - VLEP (FRA): 980 mg/m<sup>3</sup>; 400 ppm

TWA - WEL (GBR)/GVI (HRV): 999 mg/m<sup>3</sup>; 400 ppm

STEL - WEL (GBR)/GVI (HRV): 1250 mg/m<sup>3</sup>; 500 ppm

TWA - TLV (GRC): 980 mg/m<sup>3</sup>; 400 ppm

STEL - TLV (GRC): 1225 mg/m<sup>3</sup>; 500 ppm

TWA - NDS (POL): 900 mg/m<sup>3</sup> ; STEL - NDS (POL): 1200 mg/m<sup>3</sup>

TWA - NPHV (SVK): 500 mg/m<sup>3</sup>; 200 ppm

STEL - NPHV (SVK): 1200 mg/m<sup>3</sup>

TWA - MV (SVN): 500 mg/m<sup>3</sup>; 200 ppm

DNEL

Systemic effects Long term Workers inhalation = 500 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 888 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 89 (mg/m<sup>3</sup>)

Systemic effects Long term Consumers dermal = 319 (mg/kg bw/day)

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

PNEC

Sweet water = 140,9 (mg/l)

sediment Sweet water = 552 (mg/kg/sediment)

Sea water = 140,9 (mg/l)

sediment Sea water = 552 (mg/kg/sediment)

intermittent emissions = 140,9 (mg/l)

ground = 28 (mg/kg ground)

Potassium carbonate

DNEL

Local effects Long term Workers inhalation = 10

Local effects Long term Workers dermal = 16 (mg/kg bw/day)

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Local effects Long term Consumers dermal = 8 (mg/kg bw/day)  
 Local effects Long term Consumers inhalation = 10 (mg/m3)

**8.2. Exposure controls**



Appropriate engineering controls:  
 Industrial Manufacturing (all):  
 No specific control provided.

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  
 Wear normal work clothing.
- (c) Respiratory protection  
 Not needed for normal use.
- (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 yellow liquid	
Odour	Characteristic	
Odour threshold	unavailable	
pH	12.5 - 13.0	
Melting point/freezing point	approx. 0 °C	
Initial boiling point and boiling range	approx. 100 °C	
Flash point	> 65°C	ASTM D92
Evaporation rate	unavailable	
Flammability (solid, gas)	unavailable	
Upper/lower flammability or explosive limits	unavailable	
Vapour pressure	23 hPa	
Vapour density	unavailable	

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Physical and chemical properties	Value	Determination method
Relative density	1.060 g/cm <sup>3</sup>	
Solubility	In water	
Water solubility	Complete	
Partition coefficient: n-octanol/water	unavailable	
Auto-ignition temperature	unavailable	
Decomposition temperature	unavailable	
Viscosity	30 mPa.s	
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

Acids.

### 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 = 5.053,9 mg/kg

ATE(mix) dermal = n.d.

ATE(mix) inhal = 138,9 mg/l/4 h

- (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.
- (d) respiratory or skin sensitization: based on available data, the classification criteria are not satisfied.

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- (e) germ cell mutagenicity: based on available data, the classification criteria are not satisfied.
- (f) carcinogenicity: Potassium carbonate: NOAEL (rat): 180 mg/kg
- (g) reproductive toxicity: based on available data, the classification criteria are not satisfied.
- (h) specific target organ toxicity (STOT) single exposure: If inhaled the product, causes irritations to the respiratory tract.
- (i) specific target organ toxicity (STOT) repeated exposure Potassium carbonate: NOAEL(C) oral (rat): 2667 mg/kg (130 week)
- (j) aspiration hazard: based on available data, the classification criteria are not satisfied.

Related to contained substances:

2-Aminoethanol (\*):

- LC50 inhalation (rat): > 1.3 mg/l (6h)
- LD50 (rat) Oral (mg/kg body weight) = 1515
- LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2504

Potassium carbonate:

- LD50 (rat) Oral (mg/kg body weight) = 2000
- LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2000
- CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 4,96

Alcohols, C16-18, ethoxylated (>=15 <=25 EO):

- LD50 (rat) Oral (mg/kg body weight) = 2000

Didecyldimethylammonium chloride:

- LD50 (rat) Oral (mg/kg body weight) = 238
- LD50 Dermal (rat or rabbit) (mg/kg body weight) = 3342

Isopropanol (\*):

- LD50 (rat) Oral (mg/kg body weight) = 4710
- LD50 Dermal (rat or rabbit) (mg/kg body weight) = 12800
- CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 72,6

**SECTION 12. Ecological information**

**12.1. Toxicity**

Related to contained substances:

2-Aminoethanol (\*):

- LD50 (fish): 349 mg/l (96h)
- EC50 (daphnia): 65 mg/l (48h)
- EC50 (algae): > 2.5 mg/l (72h)

Potassium carbonate:

- LC50 (fish) = 68 mg/l (96 h)
- NOEC (fish) = 33 mg/l (96 h)
- EC50 (daphnia) = 200 mg/l (48 h)
- NOEC (daphnia) = 120 mg/l (48 h)

Alcohols, C16-18, ethoxylated (>=15 <=25 EO):

- LD50 (fish): > 100 mg/l (96h)
- EC50 (daphnia): > 100 mg/l (48h)

Didecyldimethylammonium chloride:

- CL50 (fish): 0,19 mg/l (96h)
- NOEC (fish): 0,032 mg/l (34d)
- CE50 (daphnia): 0,062 mg/l (48h)
- NOEC (daphnia): 0.014 mg/l (21d)



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CEr50 (algae): 0,026 mg/l (96h)  
 CE50 (microorganisms): 11 mg/l (3h)  
 Acute Toxicity Factor M = 10

The product is dangerous for the environment as it is very toxic to aquatic organisms following acute exposure.  
 The product is dangerous for the environment as it is toxic for 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:

2-Aminoethanol (\*):  
 Degradability: 90% (21d) (OECD Guideline 301 A)

Alcohols, C16-18, ethoxylated (>=15 <=25 EO):  
 Biodegradability: 60% (OECD 301)  
 Ready biodegradable.

Didecyldimethylammonium chloride:  
 Biodegradability: 72% (28d) (OECD TG 301B).

## 12.3. Bioaccumulative potential

Related to contained substances:

Isopropanol (\*):  
 Log/Kow: 0.05

## 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: 1903



If subject to the following characteristics is ADR exempt:

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

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

**14.2. UN proper shipping name**

ADR/RID/IMDG: DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (2-Aminoethanol, Didecyltrimethylammonium Chloride)

ICAO-IATA: DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (2-Aminoethanol, Didecyltrimethylammonium Chloride)

**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). Seveso category: E1 - ENVIRONMENTAL HAZARDS

**15.2. Chemical safety assessment**

No chemical safety assessment was carried out by the supplier

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**SECTION 16. Other information****16.1. Other information**

Description of the hazard statements exposed to point 3

- H302 = Harmful if swallowed.
- H312 = Harmful in contact with skin.
- H314 = Causes severe skin burns and eye damage.
- H332 = Harmful if inhaled.
- H335 = May cause respiratory irritation.
- H315 = Causes skin irritation.
- H319 = Causes serious eye irritation.
- H400 = Very toxic to aquatic life.
- H411 = Toxic to aquatic life with long lasting effects.
- H225 = Highly flammable liquid and vapour.
- H336 = May cause drowsiness or dizziness.

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.



# AISE GEIS.10.1.a.v1



Version: 1.0, May 2014



## Brushing a diluted professional product

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 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.a.v1

Version: 1.0, May 2014



## (Trigger) spraying of a diluted professional product

Operational conditions	
Maximum duration	50 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>	
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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
	<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.*