

**SECTION 1. Identification of the substance/mixture and of the company/enterprise**

**1.1. Product identifier**

Product name : RIS  
Product code: refer to sales department

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

Descaling  
Sectors of use:  
Industrial Manufacturing[SU3], Public domain (administration, education, entertainment, services, craftsmen)[SU22]  
Product category:  
Washing and Cleaning Products (including solvent based products)  
Process categories:  
Transfer of substance or preparation (charging/discharging) from/to ves- sels/large containers at dedicated facili- ties[PROC8B], Treatment of articles by dipping and pouring[PROC13]

Not recommended uses  
Do not use for purposes other than those listed

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

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#### 1.4. Emergency telephone number

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## SECTION 2. Hazards identification

### 2.1. Classification of the substance or mixture

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

Pictograms:  
GHS07

Hazard Class and Category Code(s):  
Skin Irrit. 2, Eye Irrit. 2

Hazard statement Code(s):  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours, if brought into contact with skin, it causes significant inflammation with erythema, scabs, or edema

### 2.2. Label elements

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

Pictogram, Signal Word Code(s):  
GHS07 - Warning

Hazard statement Code(s):  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.

Supplemental Hazard statement Code(s):  
not applicable

Precautionary statements:

Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352 - IF ON SKIN: Wash with plenty of water

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



P337+P313 - If eye irritation persists: Get medical advice/attention.

Contains (Reg.EC 648/2004):  
15% < 30% phosphonates

### 2.3. Other hazards

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

No information on other hazards  
For professional use only

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Irrilevant

### 3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Nitrilotrimethylfosfonic acid	> 20 <= 30%	Met. Corr. 1, H290; Eye Irrit. 2, H319		6419-19-8	229-146-5	01-2119487 988-08-XXX X
Sodium hydroxide	>= 0,5 <= 1%	Met. Corr. 1, H290; Skin Corr. 1A, H314	011-002-00-6	1310-73-2	215-185-5	01-2119457 892-27-XXX X

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

Inhalation:

Ventilate 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 medical advice.

Direct contact with skin (of the pure product):

Take off immediately contaminated clothing.  
Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.  
In case of contact with skin, wash immediately with water

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:

Not hazardous. It's possible to give activated charcoal in water or medicinal mineral vaseline oil.

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

Eye contact may cause irritation, including redness and tear. In contact with skin it causes irritation and redness

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

If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.

### **SECTION 5. Firefighting measures**

#### **5.1. Extinguishing media**

Suggested extinguishing media:

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

Extinguishing media 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 clothing.

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

You may also use self-contained breathing apparatus, especially when working in confined and poorly ventilated areas 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

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provide a sufficient ventilation.

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

#### **6.2. Environmental precautions**

Contain spills with earth or sand.

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

Dispose of the waste material in compliance with the regulations

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

#### 6.3.1 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 or suck it.  
Prevent it from entering the sewer system.

#### 6.3.2 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  
Wear protective gloves/protective clothing/eye protection/face protection.  
At work 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 unlabelled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool and dry place, away from heat sources and direct exposure to sunlight.

### **7.3. Specific end use(s)**

Industrial Manufacturing:

Handle with extreme caution.

Store in a well ventilated place away from heat sources.

Public domain (administration, education, entertainment, services, craftsmen):

Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

See the annex exposure scenario.

## **SECTION 8. Exposure controls/personal protection**

### **8.1. Control parameters**

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Related to contained substances:

Sodium hydroxide:

Limit value – Eight hours

(ppm)/(mg/m<sup>3</sup>)

Australia: x/x

Austria: x/2 inhalable aerosol

Belgium: x/2

Canada – Ontario: x/x

Canada – Québec: x/x

Denmark: x/2

Finland: x/x  
France: x/2  
Hungary: x/2  
Ireland: x/x  
Latvia: x/0,5  
New Zealand: x/x  
People's Republic of China: x/x  
Poland: x/0,5  
Singapore: x/x  
South Korea: x/x  
Spain: x/2  
Sweden: x/1  
Switzerland: x/2 inhalable aerosol  
USA – NIOSH: x/x  
USA – OSHA: x/2  
United Kingdom: x/x

Limit Value – Short Term

(ppm)/(mg/m<sup>3</sup>)

Australia: x/2(1)

Austria: x/4 inhalable aerosol

Belgium: x/x

Canada - Ontario: x/2(1)

Canada – Québec: x/2(1)

Denmark: x/2

Finland: x/2(1)

France: x/x

Hungary: x/2

Ireland: x/2(1)

Latvia: x/x

New Zealand: x/2(1)

People's Republic of China: x/2(1)

Poland: x/1

Singapore: x/2

South Korea: x/2(1)

Spain: x/x

Sweden: x/2(1)(2)

Switzerland: x/2 inhalable aerosol

USA – NIOSH: x/2(1)

USA – OSHA: x/x

United Kingdom: x/2

Remarks:

Australia: (1) Ceiling limit value

Canada – Ontario: (1) Ceiling limit value

Canada – Québec: (1) Ceiling limit value

Finland: (1) Ceiling limit value

Ireland: (1) 15 minutes reference period

New Zealand: (1) Ceiling limit value

People's Republic of China: (1) Ceiling limit value

South Korea: (1) Ceiling limit value

Sweden: (1) Inhalable dust (2) Ceiling limit value

USA – NIOSH: (1) Ceiling limit value (15 min)

- Substance: Nitrotrimethylfosfonic acid

DNEL

Systemic effects Long term Workers inhalation = 9,7 (mg/m<sup>3</sup>)

Systemic effects Long term Workers dermal = 2,75 (mg/kg bw/day)

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Systemic effects Long term Consumers inhalation = 1,38 (mg/m<sup>3</sup>)  
Systemic effects Long term Consumers dermal = 2,39 (mg/kg bw/day)  
Systemic effects Long term Consumers oral = 1,38 (mg/kg bw/day)  
Systemic effects Short term Workers inhalation = 9,7 (mg/m<sup>3</sup>)  
Systemic effects Short term Workers dermal = 2,75 (mg/kg bw/day)  
Systemic effects Short term Consumers inhalation = 1,38 (mg/m<sup>3</sup>)  
Systemic effects Short term Consumers dermal = 2,39 (mg/kg bw/day)  
Systemic effects Short term Consumers oral = 1,38 (mg/kg bw/day)

**PNEC**

Sweet water = 0,46 (mg/l)  
sediment Sweet water = 150 (mg/kg/sediment)  
Sea water = 0,046 (mg/l)  
sediment Sea water = 15 (mg/kg/sediment)  
STP = 20 (mg/l)  
ground = 2,44 (mg/kg ground)

- Substance: Sodium hydroxide

**DNEL**

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

**8.2. Exposure controls**



Appropriate engineering controls:

Industrial Manufacturing:

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

Public domain (administration, education, entertainment, services, craftsmen):

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

**8.2.2 Individual protection measures:**

(a) Eye / face protection

When handling the pure product use safety glasses (EN 166).

(b) Skin protection

(i) Hand 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 clothing (generic workwear / antacid, safety shoes S3-EN ISO 20345) or other protective equipment, according to the instructions of the RSPP

(c) Respiratory protection

Not needed for normal use.

During manual operations in case of insufficient ventilation, use mask with gas filters and inorganic vapors - Grey , Class 3 , B ( EN 143 ) unless otherwise provided by the employer and / or assessments of environmental investigations hygienistic

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Use according to good working practices and avoid to disperse the product 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 colorless liquid	
Odour	Not determined because it is considered not relevant for characterization of the product	
Odour threshold	Not determined because it is considered not relevant for characterization of the product	
pH	2,0 ± 0,5 (20°C; sol.1%)	
Melting point/freezing point	Not determined because it is considered not relevant for characterization of the product	
Initial boiling point and boiling range	Not determined because it is considered not relevant for characterization of the product	
Flash point	Not determined because it is considered not relevant for characterization of the product	ASTM D92
Evaporation rate	Not determined because it is considered not relevant for characterization of the product	
Flammability (solid, gas)	Not determined because it is considered not relevant for characterization of the product	
Upper/lower flammability or explosive limits	Not determined because it is considered not relevant for characterization of the product	
Vapour pressure	Not determined because it is considered not relevant for characterization of the product	
Vapour density	Not determined because it is considered not relevant for characterization of the product	
Relative density	1,15 ± 0,05 (20°C)	
Solubility	in water	
Water solubility	Miscible in all proportions	
Partition coefficient: n-octanol/water	Not determined because it is considered not relevant for characterization of the product	
Auto-ignition temperature	Not determined because it is considered not relevant for characterization of the product	
Decomposition temperature	Not determined because it is considered not relevant for characterization of the product	
Viscosity	Not determined because it is considered not relevant for characterization of the product	
Explosive properties	Not determined because it is considered not relevant for characterization of the product	
Oxidising properties	Not determined because it is considered not relevant for characterization of the product	

### 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity



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### 10.1. Reactivity

Acid

### 10.2. Chemical stability

Stable at room temperature and under normal conditions of use

### 10.3. Possibility of hazardous reactions

May react with reducing agents, strong bases, organic materials and chlorides. Reaction with the most common metals can release oxygen.

### 10.4. Conditions to avoid

Direct heat sources and what is expected in 10.3

### 10.5. Incompatible materials

It can generate inflammable gases in contact with dithiocarbamates, mercaptans and other organic solvents, elemental metals, strong reducing agents. It can generate toxic gases in contact with inorganic fluorides, halogenated organic substances, sulphides, nitrides, nitriles, organophosphates, phosphorates, strong oxidants. It can ignite with dithiocarbamates, elemental metals, nitrides.

### 10.6. Hazardous decomposition products

Decomposition in a fire or for direct or indirect heating of toxic gases (nitrogen oxides)

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

ATE(mix) oral = ∞  
ATE(mix) dermal = ∞  
ATE(mix) inhal = ∞

(a) acute toxicity: Nitrilotrimethylfosfonic acid: Ingestion-LD50 rat: > 2000 mg/kg

Skin contact-LC50 rat/rabbit: > 6310 mg/kg

Sodium hydroxide: Produce burns in the skin or into the eyes to direct contact or digestive tract if swallowed. The mists of fine particles are irritating to the skin and respiratory system

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(b) skin corrosion/irritation: If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.

Nitilotrimethylfosfonic acid: Non-corrosive

Sodium hydroxide: Corrosive

Nitilotrimethylfosfonic acid: Non-Irritating

Sodium hydroxide: Irritation

(c) serious eye damage/irritation: If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours.

Nitilotrimethylfosfonic acid: Irritation

Sodium hydroxide: Corrosive

Nitilotrimethylfosfonic acid: Irritating

Sodium hydroxide: Irritation

(d) respiratory or skin sensitization: Nitilotrimethylfosfonic acid: Non-sensitizing

Sodium hydroxide: Non-sensitizing

(e) germ cell mutagenicity: Nitilotrimethylfosfonic acid: Non-mutagenic

Sodium hydroxide: Non-mutagenic

(f) carcinogenicity: Nitilotrimethylfosfonic acid: Non-carcinogenic

Sodium hydroxide: Non-carcinogenic

(g) reproductive toxicity: Nitilotrimethylfosfonic acid: Non-toxic for reproduction

Sodium hydroxide: Non-toxic for reproduction

(h) specific target organ toxicity (STOT) single exposure: Nitilotrimethylfosfonic acid: Not available

Sodium hydroxide: The substance can be absorbed into the body by inhalation of its aerosol and swallowed.

(i) specific target organ toxicity (STOT) repeated exposure: Nitilotrimethylfosfonic acid: Not available

Sodium hydroxide: The substance can be absorbed into the body by inhalation of its aerosol and swallowed.

Symptoms of lung oedema often do not manifest themselves before a few hours and are aggravated by physical effort.

Medical observation are therefore essential relaxation and

(j) aspiration hazard: Nitilotrimethylfosfonic acid: Not available

Sodium hydroxide: Not available

Acido nitilotrimetilenfosfonico

\*\*\*\* Not translated \*\*\*\*

## SECTION 12. Ecological information

### 12.1. Toxicity

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Related to contained substances:

Nitilotrimethylfosfonic acid:

Aquatic toxicity

EC50/48 h: > 200 mg/kg (daphnia)

LC50/83d: > 300 mg/kg (fish)

Sodium hydroxide:

Endpoint: EC50-species: Daphnia = 40 mg/l-h Duration: 48-Note: ECHA

Use according to good working practices and avoid to disperse the product into the environment.

### 12.2. Persistence and degradability

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Related to contained substances:

Nitilotrimethylfosfonic acid:

Persistence and degradability: 50-70% OECD 302 B

COD (st method 5220 D): 200 mg/g

MBAS: 0 mg/g

Bias: 0 mg/g

Additional information: AOX absent

Sodium hydroxide:  
Study scientifically unjustified

### 12.3. Bioaccumulative potential

=====  
Related to contained substances:  
Nitrilotrimethylfosfonic acid:  
Log Kow:-4.55  
BCF: 22  
Not bioaccumulative

Sodium hydroxide:  
Study scientifically unjustified

### 12.4. Mobility in soil

=====  
Related to contained substances:  
Nitrilotrimethylfosfonic acid:  
Log Koc: 4.07

Sodium hydroxide:  
Study scientifically unjustified

### 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

The (l) surfactant (s) content (s) in this preparation complies (comply) with (i) the biodegradability criteria as laid down in Regulation CE/648/2004 on detergents. All data are held at the disposal of the competent authorities of Member States and will be provided, at their direct request or at the request of a detergent manufacturer, to those authorities.

## 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. Operate according to local or national regulations

## SECTION 14. Transport information

**14.1. UN number**

Not included in the field of application of regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

**14.2. UN proper shipping name**

None

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

None

**14.4. Packing group**

None

**14.5. Environmental hazards**

None

**14.6. Special precautions for user**

No data available.

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

Transport in bulk is not foreseen

**SECTION 15. Regulatory information**

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

Restrictions relating to the product or contained substances (All. XVII Reg. EC 1907/2006): not applicable  
Substances in Candidate List (art. 59 Reg. EC 1907/2006): the product does not contain SVHC  
Substances subject to authorisation (Ann. XIV Reg. CEC 1907/2006): the product does not contain SVHC  
Reg. EC 648/04: see 2.2  
Reg. (EU) n. 1169/2011: see 2.2

REGULATION (EU) No 1357/2014 - waste:  
HP4 - Irritant — skin irritation and eye damage

**15.2. Chemical safety assessment**

No chemical safety assessment was carried out by the supplier

**SECTION 16. Other information**

### 16.1. Other information

Description of hazard statements set out in paragraph 3

H290 = May be corrosive to metals.

H319 = Causes serious eye irritation.

H314 = Causes severe skin burns and eye damage.

Classification based on data of all mixture components

Main normative references:

Reg. (CE) n. 1907 del 18/12/06 REACH (Registration, Evaluation and Authorisation of CHemicals) et seq.

Reg. (CE) 1272/2008 CLP (Classification Labelling and Packaging) et seq.

Regulation (EC) n. 648 of 31/03/04 (on detergents) et seq.

Regulation (UE) n. 1169/2011 (on the provision of food information to consumers)

Directive 2012/18/EU (on the control of major-accident hazards involving dangerous substances) et seq.

Procedure used to classify under CLP mixture (Reg . EC 1272/2008):

Hazards classification: Calculation Method

Training required: This document must be submitted to the employer to determine the possible need for appropriate training for workers to ensure protection of human health and the environment.

n.a.: not applicable

n.d.: not available

ADR: Accord européen relative au transport International des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ATE: Acute Toxicity Estimat

BFC: BioconCentration Factor

BOD: Biochemical Oxigen Demand

CAS: Chemical Abstract Service number

CAP: Centre AntiPoison

CE/EC number EINECS (European Inventory of existing Commercial Substances) e ELINCS (European List of notified Chemical Substances)

CL50/LC50: Lethal Concentration 50

DL50/LD50: Lethal Dose 50

COD: Chemical Oxygen Demand

DNEL: Derived No Effect Level

EC50: half maximal Effective Concentration

ERC: Enviroment Release Classes

EU/UE: European Union

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods code

Kow: Octanol water partition coefficient

NOEC: No Observed Effect Concentration

OEL: Occupational Exposure Limit

PBT: Persistent Bioaccumulative and Toxic

PC: Product Categories

PNEC: Predicted No Effect Concentration

PROC: Process Categories

RID: Règlement concernent le transport International ferroviaire des marchandises dangereuses (Regulations concerning International rail transport of dangerous goods)

STOT: Target Organ Systemic Toxicity

STOT (RE): Repeated Exposure

STOT (SE): Single Exposure

STP: Sewage Treatment Plants

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SU: Sector of Use  
SVCH: Substance of Very High Concern  
TLV: Threshold Limit Value  
vPvB: Very Persistent Very Bioaccumulative

References and Sources:

- ECHA Registered Substances:
- <https://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>
- SDS supplier
- GESTIS DNEL Database: <http://www.dguv.de/ifa/gestis/gestis-dnel-datenbank/index-2.jsp>
- GESTIS International Limit Value: <http://limitvalue.ifa.dguv.de>

This msds was made in good faith by AEB technical Office on the basis of the information available at the date of the last revision. The person in charge must regularly inform the employees about the specific risks they encounter when using this substance/product. The information contained here relate only to the substance/the preparation indicated and may not apply if the product is used improperly or in combination with others. Nothing contained herein shall be construed as a guarantee, either express or implied. It is the responsibility of the user to ensure the opportunities and completeness of the information contained herein for their own particular use.

\*\*\* this tab annuls and replaces any previous edition. (IIXX)

Changes to the previous edition: Number of unified review in relation to other languages AEB group. Previous reviews no available in english

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**AISE GEIS.8b.1.a.v1**  
Version: 1.0, May 2014





Nederlandse Vereniging van Zeefabrikanten

**Transfer of professional product via a dedicated system (bottle/machine)**

<b>Operational conditions</b>	
<b>Maximum duration</b>	40 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	
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.

<b>Enviromental 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 2 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 8b</b>	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities
<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.*





# AEB ES.8b.1.a.v1

Version: 1.0, May 2014

## Transfer of professional product via a dedicated system (bottle/machine)

Operational conditions	
Maximum duration	40 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.

Enviromental 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 2 of the SDS states these ingredients, when applicable to the product.	

<b>Use descriptors</b>	
<b>SU 3</b>	Industrial uses
<b>PC 35</b>	Washing and cleaning product
<b>PROC 8b</b>	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities
<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 the employer of workers that use products that are assessed as safe remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, Information Sheets should always be considered in combination with the SDS and the label of the product.*






## AISE GEIS.13.1.a.v1

Version: 1.0, May 2014



Nederlandse Vereniging van Zeeffabrikanten

### Treatment of articles by dipping or pouring with a professional products

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.

### Enviromental 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 2 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 13</b>	Treatment of articles by dipping and pouring
<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.



## AEB ES.13.1.a.v1

*Version: 1.0, May 2014*

### Treatment of articles by dipping or pouring with a professional products

Operational conditions	
<b>Maximum duration</b>	50 minutes per day.
<b>Process conditions</b>	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	
<b>Conditions and measures related to personal protection equipment (PPE), hygiene and health evaluation</b>	<p>Use gloves and safety goggles. See Section 8 of the SDS of this product for specifications.</p> <div style="text-align: center;">  </div>
	<p>Training of the worker in relation to proper use and maintenance of the PPE must be ensured.</p>

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.

Enviromental measures
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Prevent that the undiluted product reaches surface waters.
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<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 2 of the SDS states these ingredients, when applicable to the product.	

<b>Use descriptors</b>	
<b>SU 3</b>	Industrial uses
<b>PC 35</b>	Washing and cleaning product
<b>PROC 13</b>	Treatment of articles by dipping and pouring
<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 the employer of workers that use products that are assessed as safe remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, Information Sheets should always be considered in combination with the SDS and the label of the product.*