

# Safety Data Sheet According to Regulation (EC) No 1907/2006

# SURE™ Toilet Cleaner

Revision: 2015-11-12 Version: 01.0

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

#### 1.1 Product identifier

Trade name: SURE™ Toilet Cleaner

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

For professional use only.

AISE-P305 - Sanitary cleaner. Manual process

Uses advised against: Uses other than those identified are not recommended

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

Diversey Europe Operations BV, Maarssenbroeksedijk 2, 3542DN Utrecht, The Netherlands

#### **Contact details**

Diversey Ltd

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: MSDSinfoUK@sealedair.com

#### 1.4 Emergency telephone number

For medical or environmental emergency only:

call 0800 052 0185

# SECTION 2: Hazards identification

# 2.1 Classification of the substance or mixture

The product does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

#### 2.2 Label elements

# Hazard statements:

EUH210 - Safety data sheet available on request.

#### 2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex

# SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

| Ingredient(s)     | EC number | CAS number | REACH number     | Classification                            | Classification<br>(1999/45/EC) | Notes | Weight percent |
|-------------------|-----------|------------|------------------|---|--------------------------------|-------|----------------|
| I-(+)-lactic acid | 201-196-2 | 79-33-4    | 01-2119474164-39 | Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318) | Xi;R38-41                      |       | 3-10           |

Polymer.

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

- [1] Exempted: ionic mixture. See Regulation (EC) No 1907/2006, Annex V, paragraph 3 and 4. This salt is potentially present, based on calculation, and included for classification and labelling purposes only. Each starting material of the ionic mixture is registered, as required.
- [2] Exempted: included in Annex IV of Regulation (EC) No 1907/2006.
- [3] Exempted: Annex V of Regulation (EC) No 1907/2006.
- [4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

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

# **SECTION 4: First aid measures**

# 4.1 Description of first aid measures

Inhalation:

Get medical attention or advice if you feel unwell.



Skin contact: Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice

or attention.

Eye contact: Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical

attention.

Ingestion: Rinse mouth. Immediately drink 1 glass of water. Get medical attention or advice if you feel unwell.

**Self-protection of first aider:** Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:No known effects or symptoms in normal use.Skin contact:No known effects or symptoms in normal use.Eye contact:No known effects or symptoms in normal use.Ingestion:No known effects or symptoms in normal use.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

# **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

#### 5.2 Special hazards arising from the substance or mixture

No special hazards known.

#### 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

#### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

#### 6.2 Environmental precautions

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

## 6.3 Methods and material for containment and cleaning up

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

#### 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

# SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

#### Measures to prevent fire and explosions:

No special precautions required.

## Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

# Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless adviced by Sealed Air.

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

Store in accordance with local and national regulations. Keep only in original container.

For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

# 7.3 Specific end use(s)

No specific advice for end use available.

# SECTION 8: Exposure controls/personal protection

# 8.1 Control parameters Workplace exposure limits

Air limit values, if available:

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

### **DNEL/DMEL** and PNEC values

**Human exposure** 

| DNEL drai exposure - Consumer (mg/kg bw) |                   |                            |                               |                           |                              |  |  |
|--|-------------------|----------------------------|-------------------------------|---------------------------|------------------------------|--|--|
|  | Ingredient(s)     | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |  |  |
|  | I-(+)-lactic acid | -                          | 35.4                          | =                         | -                            |  |  |

DNEL dermal exposure - Worker

| Ingredient(s) |                   | Short term - Local effects | Short term - Local Short term - Systemic effects (mg/kg bw) |                   | Long term - Systemic effects (mg/kg bw) |
|---------------|-------------------|----------------------------|---|-------------------|---|
|               | I-(+)-lactic acid | No data available          | -   | No data available | -                                       |

DNEL dermal exposure - Consumer

| Ingredient(s)     | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |  |
|-------------------|----------------------------|--|---------------------------|---|--|
| I-(+)-lactic acid | No data available          | -  | No data available         | -                                       |  |

DNEL inhalatory exposure - Worker (mg/m3)

| Ingredient(s)     | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |  |
|-------------------|----------------------------|-------------------------------|---------------------------|------------------------------|--|
| I-(+)-lactic acid | 592                        | -                             | -                         | -                            |  |

DNEL inhalatory exposure - Consumer (mg/m³)

| Ingredient(s)     | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|-------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| I-(+)-lactic acid | 296                        | -                             | -                         | -                            |

### **Environmental exposure**

Environmental exposure - PNEC

| Ingredient(s) |                   | Surface water, fresh (mg/l) | Surface water, marine (mg/l) | Intermittent (mg/l) | Sewage treatment plant (mg/l) |  |
|---------------|-------------------|-----------------------------|------------------------------|---------------------|-------------------------------|--|
|               | I-(+)-lactic acid | 1.3                         | -                            | -                   | 10                            |  |

Environmental exposure - PNEC, continued

| Ingredient(s)     | Sediment, freshwater (mg/kg) | Sediment, marine (mg/kg) | Soil (mg/kg) | Air (mg/m³) |
|-------------------|------------------------------|--------------------------|--------------|-------------|
| I-(+)-lactic acid | -                            | -                        | -            | -           |

# 8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.

Recommended safety measures for handling the <u>undiluted</u> product:

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

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment

Eye / face protection: Safety glasses are not normally required. However, their use is recommended in those cases

where splashes may occur when handling the product.

**Hand protection:** Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.

Body protection:No special requirements under normal use conditions.Respiratory protection:No special requirements under normal use conditions.

**Environmental exposure controls:** No special requirements under normal use conditions.

# SECTION 9: Physical and chemical properties

# 9.1 Information on basic physical and chemical properties

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

Method / remark

Physical State: Liquid
Colour: Yellow
Odour: Product specific
Odour threshold: Not applicable

**pH**: ≈ 3 (neat)

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

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

Substance data, boiling point

| Ingredient(s)     | Value<br>(°C) | Method           | Atmospheric pressure (hPa) |
|-------------------|---------------|------------------|----------------------------|
| I-(+)-lactic acid | 110-130       | Method not given | 1013                       |

Method / remark

Flash point (°C): Not applicable. Sustained combustion: Not applicable. Evaporation rate: Not determined Flammability (solid, gas): Not determined

Flammability (solid, gas): Not determined Upper/lower flammability limit (%): Not determined

Substance data, flammability or explosive limits, if available:

Method / remark

Vapour pressure: Not determined

Substance data, vapour pressure

| Ingredient(s)     | Value<br>(Pa) | Method           | Temperature<br>(°C) |
|-------------------|---------------|------------------|---------------------|
| I-(+)-lactic acid | 8.13          | Method not given | 25                  |

Method / remark

Vapour density: Not determined Relative density: 1.02 g/cm³ (20 °C)

Solubility in / Miscibility with Water: Fully miscible

Substance data, solubility in water

| Ingredient(s)     | Value<br>(g/l) | Method | Temperature<br>(°C) |
|-------------------|----------------|--------|---------------------|
| I-(+)-lactic acid | Soluble        |        |                     |

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

Method / remark

Autoignition temperature: Not determined Decomposition temperature: Not applicable.

Viscosity: Not determined

**Explosive properties:** Not explosive. **Oxidising properties:** Not oxidising

9.2 Other information

Surface tension (N/m): Not determined Corrosion to metals: Not corrosive

Substance data, dissociation constant, if available:

# SECTION 10: Stability and reactivity

# 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

#### 10.2 Chemical stability

Stable under normal storage and use conditions.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

#### 10.4 Conditions to avoid

None known under normal storage and use conditions.

#### 10.5 Incompatible materials

Reacts with alkali.

#### 10.6 Hazardous decomposition products

None known under normal storage and use conditions.

# SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Mixture data:

# Relevant calculated ATE(s):

ATE - Oral (mg/kg): >5000

Eye irritation and corrosivity

Method: OECD 405 (EU B.5) Result: Not corrosive or irritant Species: Rabbit

Substance data, where relevant and available, are listed below.

#### **Acute toxicity**

| Acute oral toxicity |          |         |         |                  |          |
|---------------------|----------|---------|---------|------------------|----------|
| Ingredient(s)       | Endpoint | Value   | Species | Method           | Exposure |
|                     |          | (mg/kg) | ·       |                  | time (h) |
| I-(+)-lactic acid   | LD 50    | 1810    |         | Method not given | -        |

| Acute dermal toxicity |          |
|-----------------------|----------|
|                       | L P (/-) |

| Ingredient(s)     |       | Value<br>(mg/kg) | Species | Method       | Exposure time (h) |
|-------------------|-------|------------------|---------|--------------|-------------------|
| I-(+)-lactic acid | LD 50 | > 2000           | Rabbit  | EPA OPP 81-2 | -                 |

Acute inhalative toxicity

| Ingredient(s)     | Endpoint | Value<br>(mg/l) | Species | Method            | Exposure time (h) |  |
|-------------------|----------|-----------------|---------|-------------------|-------------------|--|
| I-(+)-lactic acid |          | > 7.94          | Rat     | OECD 403 (EU B.2) | 4                 |  |

#### Irritation and corrosivity

| Chair inhadion and correctivity |                   |          |         |                   |               |
|---------------------------------|-------------------|----------|---------|-------------------|---------------|
|                                 | Ingredient(s)     | Result   | Species | Method            | Exposure time |
|                                 | I-(+)-lactic acid | Irritant |         | OECD 404 (EU B.4) |               |

Eye irritation and corrosivity

| Ingredient(s)     | Result        | Species | Method           | Exposure time |
|-------------------|---------------|---------|------------------|---------------|
| I-(+)-lactic acid | Severe damage |         | Method not given |               |

Respiratory tract irritation and corrosivity

| Ingredient(s)     | Result            | Species | Method | Exposure time |
|-------------------|-------------------|---------|--------|---------------|
| I-(+)-lactic acid | No data available |         |        |               |

#### Sensitisation

Sensitisation by skin contact

| Ingredient(s) |                   | Result            | Species | Method | Exposure time (h) |
|---------------|-------------------|-------------------|---------|--------|-------------------|
|               | I-(+)-lactic acid | No data available |         |        | -                 |

Sensitisation by inhalation

| Ingredient(s)     | Result            | Species | Method | Exposure time |
|-------------------|-------------------|---------|--------|---------------|
| I-(+)-lactic acid | No data available |         |        | -             |

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

Mutagenicity

| Ingredient     | (s) Resul                           | lt (in-vitro) | Method<br>(in-vitro) | Result (in-vivo)  | Method<br>(in-vivo) |
|----------------|-------------------------------------|---------------|----------------------|-------------------|---------------------|
| I-(+)-lactic a | I-(+)-lactic acid No data available |               |                      | No data available |                     |

Carcinogenicity

| Ingredient(s)     | Effect            |  |  |
|-------------------|-------------------|--|--|
| I-(+)-lactic acid | No data available |  |  |

Toxicity for reproduction

| Ingredient(s)     | Endpoint | Specific effect | Value<br>(mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|-------------------|----------|-----------------|-----------------------|---------|--------|---------------|------------------------------------|
| I-(+)-lactic acid |          |                 | No data               |         |        |               |                                    |
|                   |          |                 | available             |         |        |               |                                    |

Repeated dose toxicity
Sub-acute or sub-chronic oral toxicity

| Sub-acute of sub-critoffic oral toxicity |                   |          |              |         |        |             |                             |
|--|-------------------|----------|--------------|---------|--------|-------------|-----------------------------|
|  | Ingredient(s)     | Endpoint | Value        | Species | Method |             | Specific effects and organs |
|  |                   |          | (mg/kg bw/d) |         |        | time (days) | affected                    |
|  | I-(+)-lactic acid |          | No data      |         |        | -           |                             |
|  |                   |          | available    | 1       |        |             | 1                           |

Sub-chronic dermal toxicity

| Ingredier    | nt(s) | Endpoint | Value<br>(mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|--------------|-------|----------|-----------------------|---------|--------|----------------------|--------------------------------------|
| I-(+)-lactic | acid  |          | No data<br>available  |         |        | -                    |                                      |

Sub-chronic inhalation toxicity

| Ingredient(s)     | Endpoint | Value<br>(mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|-------------------|----------|-----------------------|---------|--------|----------------------|--------------------------------------|
| I-(+)-lactic acid |          | No data<br>available  |         |        | -                    |                                      |

Chronic toxicity

| Ingredient(s)     | Exposure route | Endpoint | Value<br>(mg/kg bw/d) | Species | Method | Exposure time | Specific effects and<br>organs affected | Remark |
|-------------------|----------------|----------|-----------------------|---------|--------|---------------|---|--------|
| I-(+)-lactic acid |                |          | No data<br>available  |         |        |               |   |        |

STOT-single exposure

| Ingredient(s)     | Affected organ(s) |
|-------------------|-------------------|
| I-(+)-lactic acid | No data available |

STOT-repeated exposure

| Ingredient(s)     | Affected organ(s) |
|-------------------|-------------------|
| I-(+)-lactic acid | No data available |

# **Aspiration hazard**

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

# Potential adverse health effects and symptoms

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

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below

# Aquatic short-term toxicity Aquatic short-term toxicity - fish

| Ingredient(s)     | Endpoint | Value<br>(mg/l) | Species                | Method           | Exposure time (h) |
|-------------------|----------|-----------------|------------------------|------------------|-------------------|
| I-(+)-lactic acid | LC 50    | 130             | Oncorhynchus<br>mvkiss | Method not given | 96                |

Aquatic short-term toxicity - crustacea

| Ingredient(s)     | Endpoint | Value<br>(mg/l) | Species                 | Method           | Exposure time (h) |
|-------------------|----------|-----------------|-------------------------|------------------|-------------------|
| I-(+)-lactic acid | EC 50    | 130             | Daphnia<br>magna Straus | Method not given | 48                |

Aquatic short-term toxicity - algae

| Ingredient(s)     | Endpoint | Value<br>(mg/l) | Species        | Method           | Exposure time (h) |
|-------------------|----------|-----------------|----------------|------------------|-------------------|
| I-(+)-lactic acid | EC 50    | 2800            | Pseudokirchner | Method not given | 72                |
|                   |          |                 | iella          |                  |                   |
|                   |          |                 | subcapitata    |                  |                   |

Aquatic short-term toxicity - marine species

| Ingredient(s)     | Endpoint | Value<br>(mg/l) | Species | Method | Exposure time (days) |
|-------------------|----------|-----------------|---------|--------|----------------------|
| I-(+)-lactic acid |          | No data         |         |        | -                    |
|                   |          | available       |         |        |                      |

| Ingredient(s)     | Endpoint | Value<br>(mg/l) | Inoculum         | Method           | Exposure time |
|-------------------|----------|-----------------|------------------|------------------|---------------|
| I-(+)-lactic acid | EC 50    | > 100           | Activated sludge | Method not given | 3 hour(s)     |

# Aquatic long-term toxicity

| Aquatic long-term toxicity - lish |          |                 |         |        |               |                  |
|-----------------------------------|----------|-----------------|---------|--------|---------------|------------------|
| Ingredient(s)                     | Endpoint | Value<br>(mg/l) | Species | Method | Exposure time | Effects observed |
| I-(+)-lactic acid                 |          | No data         |         |        |               |                  |
|                                   |          | available       |         |        |               |                  |

Aquatic long-term toxicity - crustacea

| Ingredient(s) |            | Value |         |        |          | Effects observed |
|---------------|------------|-------|---------|--------|----------|------------------|
|               | l Endpoint |       | Species | Method | Exposure |                  |
|               |            |       |         |        |          |                  |

|                   | (mg/l)    |  | time |  |
|-------------------|-----------|--|------|--|
| I-(+)-lactic acid | No data   |  |      |  |
|                   | available |  |      |  |

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

| Ingredient(s)     | Endpoint | Value<br>(mg/kg dw<br>sediment) | Species | Method | Exposure time (days) | Effects observed |
|-------------------|----------|---------------------------------|---------|--------|----------------------|------------------|
| I-(+)-lactic acid |          | No data<br>available            |         |        | -                    |                  |

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

| Ingredient(s)     | Endpoint | Value<br>(mg/kg dw<br>soil) | Species | Method | Exposure time (days) | Effects observed |
|-------------------|----------|-----------------------------|---------|--------|----------------------|------------------|
| I-(+)-lactic acid |          | No data<br>available        |         |        | -                    |                  |

Terrestrial toxicity - plants, if available:

| Ingredient(s)     | Endpoint | Value<br>(mg/kg dw<br>soil) | Species | Method | Exposure time (days) | Effects observed |
|-------------------|----------|-----------------------------|---------|--------|----------------------|------------------|
| I-(+)-lactic acid |          | No data<br>available        |         |        | -                    |                  |

Terrestrial toxicity - birds, if available:

| Ingredient(s)     | Endpoint | Value                | Species | Method | Exposure time (days) | Effects observed |
|-------------------|----------|----------------------|---------|--------|----------------------|------------------|
| I-(+)-lactic acid |          | No data<br>available |         |        | -                    |                  |

Terrestrial toxicity - beneficial insects, if available:

| Ingredient(s)     | Endpoint | Value<br>(mg/kg dw<br>soil) | Species | Method | Exposure time (days) | Effects observed |
|-------------------|----------|-----------------------------|---------|--------|----------------------|------------------|
| I-(+)-lactic acid |          | No data<br>available        |         |        | -                    |                  |

Terrestrial toxicity - soil bacteria, if available:

| Ingredient(s)     | Endpoint | Value<br>(mg/kg dw<br>soil) | Species | Method | Exposure time (days) | Effects observed |
|-------------------|----------|-----------------------------|---------|--------|----------------------|------------------|
| I-(+)-lactic acid |          | No data                     |         |        | -                    |                  |
|                   |          | available                   |         |        |                      |                  |

# 12.2 Persistence and degradability

# Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

### Biodegradation

Ready biodegradability - aerobic conditions

| Ingredient(s)     | Inoculum | Analytical method | DT 50 | Method           | Evaluation            |
|-------------------|----------|-------------------|-------|------------------|-----------------------|
| I-(+)-lactic acid |          |                   |       | Method not given | Readily biodegradable |

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

# 12.3 Bioaccumulative potential

| Ingredient(s)     | Value | Method           | Evaluation             | Remark |
|-------------------|-------|------------------|------------------------|--------|
| I-(+)-lactic acid | -0.72 | Method not given | Not relevant, does not |        |
|                   |       |                  | bioaccumulate          |        |

Bioconcentration factor (BCF)

| Ingredient(s)     | Value             | Species | Method | Evaluation | Remark |
|-------------------|-------------------|---------|--------|------------|--------|
| I-(+)-lactic acid | No data available |         |        |            |        |

#### 12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

| Ingredient(s)     | Adsorption<br>coefficient<br>Log Koc | Desorption<br>coefficient<br>Log Koc(des) | Method | Soil/sediment<br>type | Evaluation                           |
|-------------------|--------------------------------------|---|--------|-----------------------|--------------------------------------|
| I-(+)-lactic acid | No data available                    |   |        |                       | Low potential for adsorption to soil |

#### 12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

#### 12.6 Other adverse effects

No other adverse effects known.

# SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging

or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

European Waste Catalogue: 20 01 30 - detergents other than those mentioned in 20 01 29.

**Empty packaging** 

**Recommendation:** Dispose of observing national or local regulations.

Suitable cleaning agents: Water, if necessary with cleaning agent.

# **SECTION 14: Transport information**

#### ADR, RID, ADN, IMO/IMDG, ICAO/IATA

14.1 UN number: Non-dangerous goods

**14.2 UN proper shipping name:** Non-dangerous goods **14.3 Transport hazard class(es):** Non-dangerous goods

Class: -

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: The product is not transported in bulk tankers.

# SECTION 15: Regulatory information

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

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

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

non-ionic surfactants < 5%

#### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

# **SECTION 16: Other information**

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

**SDS code:** MS1002593 **Version:** 01.0 **Revision:** 2015-11-12

### Reason for revision:

Overall design adjusted in accordance with Amendment 453/2010, Annex II of Regulation (EC) No 1907/2006

#### Classification procedure

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

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

- · H315 Causes skin irritation.
- H318 Causes serious eye damage.

- Abbreviations and acronyms:

   AISE The international Association for Soaps, Detergents and Maintenance Products
   DNEL Derived No Effect Limit
   EUH CLP Specific hazard statement
   PBT Persistent, Bioaccumulative and Toxic
   PNEC Predicted No Effect Concentration
   REACH number REACH registration number, without supplier specific part
   vPvB very Persistent and very Bioaccumulative
   ATE Acute Toxicity Estimate

**End of Safety Data Sheet**