



## SURE™ Antibac Hand Wash Free

Revision: 2019-11-28

Version: 01.1

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

#### 1.1 Product identifier

Trade name: SURE™ Antibac Hand Wash Free

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

##### Identified uses:

For professional use only.

AISE-P1300 - Professional hand cleaner / disinfectant

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: customerservice.uk@diversey.com

#### 1.4 Emergency telephone number

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

For medical or environmental emergency only:

call 0800 052 0185

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Not classified as hazardous

#### 2.2 Label elements

##### Hazard statements:

EUH210 - Safety data sheet available on request.

#### 2.3 Other hazards

No other hazards known.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

| Ingredient(s) | EC number | CAS number | REACH number     | Classification                            | Notes | Weight percent |
|---------------|-----------|------------|------------------|---|-------|----------------|
| lactic acid   | 200-018-0 | 50-21-5    | 01-2119548400-48 | Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318) |       | 1-3            |

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 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:

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. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.

##### Self-protection of first aider:

Consider personal protective equipment as indicated in subsection 8.2.

**SURE™ Antibac Hand Wash Free****4.2 Most important symptoms and effects, both acute and delayed**

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | No known effects or symptoms in normal use. |
| <b>Skin contact:</b> | No known effects or symptoms in normal use. |
| <b>Eye contact:</b>  | No known effects or symptoms in normal use. |
| <b>Ingestion:</b>    | No known effects or symptoms in normal use. |

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

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

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

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

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

No special hazards known.

**5.3 Advice for firefighters**

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

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

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 advised by Diversey.

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

Store in accordance with local and national regulations. Keep only in original packaging. Keep from freezing.

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 oral exposure - Consumer (mg/kg bw)

| Ingredient(s) | Short term - Local | Short term - Systemic | Long term - Local | Long term - Systemic |
|---------------|--------------------|-----------------------|-------------------|----------------------|
|---------------|--------------------|-----------------------|-------------------|----------------------|

|             | effects           | effects           | effects           | effects           |
|-------------|-------------------|-------------------|-------------------|-------------------|
| lactic acid | No data available | No data available | No data available | No data available |

## DNEL dermal exposure - Worker

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

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

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|---------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| lactic acid   | No data available          | No data available             | No data available         | No data available            |

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

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|---------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| lactic acid   | No data available          | No data available             | No data available         | No data available            |

## 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) |
|---------------|-----------------------------|------------------------------|---------------------|-------------------------------|
| lactic acid   | No data available           | No data available            | No data available   | No data available             |

## Environmental exposure - PNEC, continued

| Ingredient(s) | Sediment, freshwater (mg/kg) | Sediment, marine (mg/kg) | Soil (mg/kg)      | Air (mg/m <sup>3</sup> ) |
|---------------|------------------------------|--------------------------|-------------------|--------------------------|
| lactic acid   | No data available            | No data available        | No data available | No data available        |

## 8.2 Exposure controls

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

Recommended safety measures for handling the undiluted product:

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

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

## Personal protective equipment

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

**Hand protection:** Not applicable.

**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                                |
|---|--|
| <b>Physical State:</b> Liquid                                       |  |
| <b>Colour:</b> from Colourless to Yellow                            |  |
| <b>Odour:</b> Product specific                                      |  |
| <b>Odour threshold:</b> Not applicable                              |  |
| <b>pH</b> ≈ 2.4 (neat)  | ISO 4316                                       |
| <b>Dilution pH:</b> ≈ 2   | ISO 4316                                       |
| <b>Melting point/freezing point (°C):</b> Not determined            | Not relevant to classification of this product |
| <b>Initial boiling point and boiling range (°C):</b> Not determined | See substance data                             |

## Substance data, boiling point

| Ingredient(s) | Value (°C) | Method           | Atmospheric pressure (hPa) |
|---------------|------------|------------------|----------------------------|
| lactic acid   | 120 - 130  | Method not given | 1013                       |

## Method / remark

**Flammability (liquid):** Not flammable.

**Flash point (°C):** Not applicable.

**Sustained combustion:** Not applicable.

( UN Manual of Tests and Criteria, section 32, L.2 )

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**Evaporation rate:** Not determined  
**Flammability (solid, gas):** Not applicable to liquids  
**Upper/lower flammability limit (%):** Not determined

Not relevant to classification of this product

Substance data, flammability or explosive limits, if available:

**Vapour pressure:** Not determined

**Method / remark**  
 See substance data

Substance data, vapour pressure

| Ingredient(s) | Value (Pa)     | Method | Temperature (°C) |
|---------------|----------------|--------|------------------|
| lactic acid   | Not applicable |        |                  |

**Vapour density:** Not determined  
**Relative density:** ≈ 1.02 (20 °C)  
**Solubility in / Miscibility with Water:** Fully miscible

**Method / remark**  
 Not relevant to classification of this product  
 OECD 109 (EU A.3)

Substance data, solubility in water

| Ingredient(s) | Value (g/l) | Method           | Temperature (°C) |
|---------------|-------------|------------------|------------------|
| lactic acid   | Soluble     | Method not given |                  |

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

**Autoignition temperature:** Not determined  
**Decomposition temperature:** Not applicable.  
**Viscosity:** ≈ 340 mPa.s (20 °C)  
**Explosive properties:** Not explosive.  
**Oxidising properties:** Not oxidising.

**Method / remark**

## 9.2 Other information

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

Not relevant to classification of this product

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:

#### Eye irritation and corrosivity

**Result:** Not corrosive or irritant    **Method:** Weight of evidence

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

#### Acute toxicity

Acute oral toxicity

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) |
|---------------|----------|---------------|---------|--------|-------------------|
|---------------|----------|---------------|---------|--------|-------------------|

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|             |                  |      |     |                  |  |
|-------------|------------------|------|-----|------------------|--|
| lactic acid | LD <sub>50</sub> | 3730 | Rat | Method not given |  |
|-------------|------------------|------|-----|------------------|--|

## Acute dermal toxicity

| Ingredient(s) | Endpoint | Value (mg/kg)     | Species | Method | Exposure time (h) |
|---------------|----------|-------------------|---------|--------|-------------------|
| lactic acid   |          | No data available |         |        |                   |

## Acute inhalative toxicity

| Ingredient(s) | Endpoint         | Value (mg/l) | Species | Method           | Exposure time (h) |
|---------------|------------------|--------------|---------|------------------|-------------------|
| lactic acid   | LC <sub>50</sub> | 7.94         | Rat     | Method not given | 4                 |

## Irritation and corrosivity

## Skin irritation and corrosivity

| Ingredient(s) | Result   | Species | Method           | Exposure time |
|---------------|----------|---------|------------------|---------------|
| lactic acid   | Irritant |         | Method not given |               |

## Eye irritation and corrosivity

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

## Respiratory tract irritation and corrosivity

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

## Sensitisation

## Sensitisation by skin contact

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

## Sensitisation by inhalation

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

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

## Mutagenicity

| Ingredient(s) | Result (in-vitro) | Method (in-vitro) | Result (in-vivo)  | Method (in-vivo) |
|---------------|-------------------|-------------------|-------------------|------------------|
| lactic acid   | No data available |                   | No data available |                  |

## Carcinogenicity

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

## Toxicity for reproduction

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

## Repeated dose toxicity

## Sub-acute or sub-chronic oral toxicity

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

## Sub-chronic dermal toxicity

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

## Sub-chronic inhalation toxicity

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

## Chronic toxicity

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

## STOT-single exposure

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

## STOT-repeated exposure

| Ingredient(s) | Affected organ(s) |
|---------------|-------------------|
| 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 (mg/l) | Species | Method           | Exposure time (h) |
|---------------|------------------|--------------|---------|------------------|-------------------|
| lactic acid   | LC <sub>50</sub> | 320          | Fish    | Method not given | 48                |

Aquatic short-term toxicity - crustacea

| Ingredient(s) | Endpoint         | Value (mg/l) | Species | Method           | Exposure time (h) |
|---------------|------------------|--------------|---------|------------------|-------------------|
| lactic acid   | EC <sub>50</sub> | 240          | Daphnia | Method not given | 48                |

Aquatic short-term toxicity - algae

| Ingredient(s) | Endpoint         | Value (mg/l) | Species       | Method           | Exposure time (h) |
|---------------|------------------|--------------|---------------|------------------|-------------------|
| lactic acid   | EC <sub>50</sub> | 3500         | Not specified | Method not given | -                 |

Aquatic short-term toxicity - marine species

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

Impact on sewage plants - toxicity to bacteria

| Ingredient(s) | Endpoint | Value (mg/l)      | Inoculum | Method | Exposure time |
|---------------|----------|-------------------|----------|--------|---------------|
| lactic acid   |          | No data available |          |        |               |

**Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

| Ingredient(s) | Endpoint | Value (mg/l)      | Species | Method | Exposure time | Effects observed |
|---------------|----------|-------------------|---------|--------|---------------|------------------|
| lactic acid   |          | No data available |         |        |               |                  |

Aquatic long-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l)      | Species | Method | Exposure time | Effects observed |
|---------------|----------|-------------------|---------|--------|---------------|------------------|
| lactic acid   |          | No data available |         |        |               |                  |

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

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

**Terrestrial toxicity**

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

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

Terrestrial toxicity - plants, if available:

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

Terrestrial toxicity - birds, if available:

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

Terrestrial toxicity - beneficial insects, if available:

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

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Terrestrial toxicity - soil bacteria, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-----------------------|---------|--------|----------------------|------------------|
| 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 <sub>50</sub> | Method           | Evaluation            |
|---------------|----------|-------------------|------------------|------------------|-----------------------|
| lactic acid   |          |                   |                  | Method not given | Readily biodegradable |

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log Kow)

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

Bioconcentration factor (BCF)

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

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

| Ingredient(s) | Adsorption coefficient Log K <sub>oc</sub> | Desorption coefficient Log K <sub>oc</sub> (des) | Method | Soil/sediment type | Evaluation |
|---------------|--|--|--------|--------------------|------------|
| lactic acid   | No data available                          |  |        |                    |            |

**12.5 Results of PBT and vPvB assessment**

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

**12.6 Other adverse effects**

No other adverse effects known.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Waste from residues / unused products:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**European Waste Catalogue:**

16 03 06 - organic wastes other than those mentioned in 16 03 05.

**Empty packaging****Recommendation:**

Dispose of observing national or local regulations.

**Suitable cleaning agents:**

Water, if necessary with cleaning agent.

**SECTION 14: Transport information****Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)****14.1 UN number:** Non-dangerous goods**14.2 UN proper shipping name:** Non-dangerous goods**14.3 Transport hazard class(es):** Non-dangerous goods**14.4 Packing group:** Non-dangerous goods**14.5 Environmental hazards:** Non-dangerous goods**14.6 Special precautions for user:** Non-dangerous goods**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Non-dangerous goods**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations:**

- Regulation (EC) No. 1907/2006 - REACH
- Regulation (EC) No 1272/2008 - CLP
- Regulation (EU) No 528/2012 on biocidal products

**SURE™ Antibac Hand Wash Free**

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

UFI: 2267-Q0SD-A00M-79DD

**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:** MS1003889

**Version:** 01.1

**Revision:** 2019-11-28

**Reason for revision:**

This data sheet contains changes from the previous version in section(s):, 11, 16

**Classification procedure**

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

**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
- LD50 - Lethal Dose, 50% / Median Lethal dose
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- EC50 - effective concentration, 50%
- NOEL - No observed effect level
- NOAEL - No observed adverse effect level
- OECD - Organization for Economic Cooperation and Development

**End of Safety Data Sheet**