

## Comfort(\*) Professional

Revision: 2012-10-08

Version 03

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

#### 1.1 Product identifier

Trade name: Comfort(\*) Professional

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

##### Identified uses:

For professional use only

AISE-P105 - Conditioner (softener/starch). Semi-automatic process

AISE-P106 - Conditioner (softener/starch). 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 Ltd

##### Contact details

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 Directive 1999/45/EC and corresponding national legislation.

#### 2.2 Label elements

##### Further indications on the label:

Safety data sheet available for professional user 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 XIII.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

The product contains no substances classified as hazardous in concentrations which should be taken into account.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### Inhalation

Remove from source of exposure. If discomfort persists, obtain medical attention .

##### Skin contact

Not required under normal use. If irritation develops get medical attention. Rinse with plenty of water.

##### Eye contact

Wash off immediately with plenty of water. Get medical attention.

##### Ingestion

Remove material from mouth. Immediately drink 1-2 glasses of water or milk. If large amounts swallowed or symptoms develop, get medical attention.

##### 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

Unlikely to be irritant or harmful in normal use.

##### Skin contact

Unlikely to be irritant in normal use.

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<b>Eye contact</b>	Unlikely to be irritant in normal use.
<b>Ingestion</b>	Unlikely to be harmful unless excessive amount ingested.
<b>Sensitisation</b>	No known effects.

**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****Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless advised by Diversey. For advice on general occupational hygiene see subsection 8.2. For environmental exposure controls see subsection 8.2. For incompatible materials see subsection 10.5.

**Prevention of fire and explosion**

No special precautions required.

**7.2 Conditions for safe storage, including any incompatibilities****Requirements for storage rooms / facilities:**

In accordance with local and national regulations.

**Combined storage in storage rooms / facilities:**

In accordance with local and national regulations. For incompatible materials see subsection 10.5.

**Basic storage conditions**

Store in original container. For conditions to avoid see subsection 10.4.

**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:

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**DNEL/DMEL and PNEC values****Human exposure**

DNEL oral exposure - Consumer (mg/kg bw)

DNEL dermal exposure - Worker

DNEL dermal exposure - Consumer

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

Environmental exposure - PNEC

Environmental exposure - PNEC, continued

**8.2 Exposure controls****General health and safety measures**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

*The following information applies for the uses indicated in subsection 1.2.**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:** Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product.**Hand protection:** No special requirements under normal use conditions**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.*Recommended safety measures for handling the diluted product:***Recommended maximum concentration (%): 2****Appropriate engineering controls:** The product is intended to be used in closed systems.**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:** No special requirements under normal use conditions**Body protection:** No special requirements under normal use conditions.**Respiratory protection:** If the product is applied in a closed system, as recommended, no respiratory protection equipment will be required**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**

<b>Physical State:</b>	Liquid
<b>Colour</b>	Opaque Pink
<b>Odour</b>	Slightly perfumed
<b>Dilution pH:</b>	≈ 3
<b>Boiling point/range (°C):</b>	Not determined
<b>Flash point (°C):</b>	Not applicable.
<b>Flammability</b>	Not flammable.
<b>Specific gravity:</b>	1.00 g/cm <sup>3</sup> (20°C)
<b>Solubility in / Miscibility with</b>	<b>Water:</b> Fully miscible
<b>Viscosity:</b>	≈ 30 mPa.s (20°C)
<b>Explosive properties</b>	Not explosive.
<b>Oxidising properties:</b>	Not oxidising.

**9.2 Other information**

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No other relevant information 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**

None known under normal use conditions.

**10.6 Hazardous decomposition products**

None known under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Mixtures**

No test data is available on the mixture

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

**Acute toxicity**

Acute oral toxicity

Acute dermal toxicity

Acute inhalative toxicity

**Irritation and corrosivity**

Skin irritation and corrosivity

Eye irritation and corrosivity

Respiratory tract irritation and corrosivity

**Sensitisation**

Sensitisation by skin contact

Sensitisation by inhalation

**Repeated dose toxicity**

Sub-acute or sub-chronic oral toxicity

Sub-chronic dermal toxicity

Sub-chronic inhalation toxicity

Chronic toxicity

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

Mixture data:

Based on available data, the classification criteria are not met.

Substance data, where relevant and available

Carcinogenicity

Mutagenicity

Toxicity for reproduction

**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**

## Mixtures

No test data is available on the mixture.

Substance data, where relevant and available, are listed below

**Aquatic short-term toxicity**

Aquatic short-term toxicity - fish

Aquatic short-term toxicity - crustacea

Aquatic short-term toxicity - algae

Aquatic short-term toxicity - marine species

Impact on sewage plants - toxicity to bacteria

**Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

Aquatic long-term toxicity - crustacea

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

**Terrestrial toxicity**

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

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if 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

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**

Partition coefficient n-octanol/water (log Kow)

Bioconcentration factor (BCF)

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

**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**

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**13.1 Waste treatment methods**

**Waste from residues / unused products** Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.  
**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****Ingredients according to EC Detergents Regulation 648/2004**

cationic surfactants < 5%  
 perfumes, Benzisothiazolinone, Hexyl Cinnamal, Butylphenyl  
 Methylpropional

**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*

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**MSDS code:** MSDS6707

**Version** 03

**Revision:** 2012-10-08

**Reason for revision:**

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

**End of Safety Data Sheet**