

Comfort(*) Professional Original

Revision: 2012-11-28

Version 10

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

1.1 Product identifier

Trade name: Comfort(*) Professional Original

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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Eye contact	Unlikely to be irritant in normal use.
Ingestion	Unlikely to be harmful unless excessive amount ingested.
Sensitisation	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/m³)DNEL inhalatory exposure - Consumer (mg/m³)**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***Information in this section refers to the product, unless it is specifically stated that substance data is listed***Method / remark****Physical State:** Liquid**Colour** Opaque Blue**Odour** Slightly perfumed**Odour threshold:** Not applicable.**pH:**≈ 3 (neat)**Melting point/freezing point (°C):** Not determined**Initial boiling point and boiling range (°C):** Not determined**Flash point (°C):** Not applicable.

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Sustained combustion: Not determined
Evaporation rate: Not determined
Flammability (solid, gas): Not determined
Upper/lower flammability limit (%): Not determined

Vapour pressure: Not determined

Vapour density: Not determined
Relative density: 1.00 g/cm³ (20°C)

Solubility in / Miscibility with Water: Fully miscible

Autoignition temperature: Not determined
Decomposition temperature: Not determined
Viscosity: Not determined
Explosive properties Not explosive.
Oxidising properties: Not oxidising.

9.2 Other information

Surface tension (N/m): Not determined
**Corrosion to metals
(according to IMDG/ADR regulation):** Not determined

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****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

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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**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, Geraniol, Benzyl

Salicylate, Amyl 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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Reason for revision:

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

End of Safety Data Sheet