

Taski Jontec Plaza F2i

Revision: 2012-10-11

Version 06

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

1.1 Product identifier

Trade name: Taski Jontec Plaza F2i

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

Identified uses:

For professional use only

AISE-P406 - Polish/Impregnating agent. 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

Safety phrases:

S51 - Use only in well-ventilated areas.

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

Ingredient(s)	EC number	CAS number	REACH number	Classification	Classification (EC) 1272/2008	Notes	Weight percent
2-phenoxyethanol	204-589-7	122-99-6	01-2119488943-21	Xn; R22-36	Acute Tox. 4 (H302) Eye Irrit. 2 (H319)		1-3
(2-methoxymethylethoxy)propa nol	252-104-2	34590-94-8	01-2119450011-60	-	-		1-3
alkyl alcohol ethoxylate	Polymer*	68131-39-5	[4]	Xn,N; R22-41-50	Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Acute Tox. 4 (H302)		0.1-1

* Polymer.

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

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.

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.
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

Ensure adequate ventilation. Do not breathe dust or vapour.

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. Use only in well-ventilated areas. 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:

Ingredient(s)	UK - Long term value(s)	UK - Short term value(s)
(2-methoxymethylethoxy)propanol	50 ppm 308 mg/m ³	150 ppm 924 mg/m ³

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 effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
2-phenoxyethanol	No data available	17.43	No data available	17.43
(2-methoxymethylethoxy)propanol	No data available	No data available	No data available	1.67
alkyl alcohol ethoxylate	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)
2-phenoxyethanol	No data available	No data available	No data available	34.72
(2-methoxymethylethoxy)propanol	No data available	No data available	No data available	65
alkyl alcohol ethoxylate	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)
2-phenoxyethanol	No data available	No data available	No data available	20.83
(2-methoxymethylethoxy)propanol	No data available	No data available	No data available	15
alkyl alcohol ethoxylate	No data available	No data available	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
2-phenoxyethanol	No data available	No data available	8.07	8.07
(2-methoxymethylethoxy)propanol	No data available	No data available	No data available	310
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available

DNEL inhalatory exposure - Consumer (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
2-phenoxyethanol	2.5	No data available	2.5	No data available
(2-methoxymethylethoxy)propanol	No data available	No data available	No data available	37.2
alkyl alcohol ethoxylate	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)
2-phenoxyethanol	0.943	0.0943	3.44	24.8
(2-methoxymethylethoxy)propanol	19	1.9	190	4168
alkyl alcohol ethoxylate	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 ³)
2-phenoxyethanol	7.2366	No data available	1.26	No data available
(2-methoxymethylethoxy)propanol	70.2	7.02	2.74	190
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available

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

Handle in accordance with good industrial hygiene and safety practice. Use only in well-ventilated areas. Avoid contact with eyes.

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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.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical State: Liquid
Colour Milky White
Odour Product specific
pH: ≈ 8 (neat)
Boiling point/range (°C): Not determined
Flash point (°C): Not applicable.
Flammability Not flammable.
Specific gravity: 1.03 g/cm³ (20°C)
Solubility in / Miscibility with **Water:** Fully miscible
Explosive properties Not explosive.
Oxidising properties: Not oxidising.

9.2 Other information

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

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
2-phenoxyethanol	LD ₅₀	2740	Rat	Non guideline test	
(2-methoxymethylethoxy)propanol	LD ₅₀	> 4000	Rat	Method not given	
alkyl alcohol ethoxylate		No data available			

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Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
2-phenoxyethanol	LD ₅₀	5000	Rabbit	Weight of evidence	
(2-methoxymethylethoxy)propanol	LD ₅₀	9510	Rabbit	Method not given	
alkyl alcohol ethoxylate		No data available			

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2-phenoxyethanol		No data available			
(2-methoxymethylethoxy)propanol	LC ₅₀	3.35	Rat	Non guideline test	7
alkyl alcohol ethoxylate		No data available			

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
2-phenoxyethanol	Not irritant	Rabbit	OECD 404 (EU B.4)	
(2-methoxymethylethoxy)propanol	Not irritant		Method not given	
alkyl alcohol ethoxylate	No data available			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
2-phenoxyethanol	Severe damage	Rabbit	OECD 405 (EU B.5)	
(2-methoxymethylethoxy)propanol	Not corrosive or irritant		Method not given	
alkyl alcohol ethoxylate	No data available			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
2-phenoxyethanol	No data available			
(2-methoxymethylethoxy)propanol	No data available			
alkyl alcohol ethoxylate	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
2-phenoxyethanol	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
(2-methoxymethylethoxy)propanol	Not sensitising		Method not given	
alkyl alcohol ethoxylate	No data available			

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
2-phenoxyethanol	No data available			
(2-methoxymethylethoxy)propanol	No data available			
alkyl alcohol ethoxylate	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
2-phenoxyethanol		No data available				
(2-methoxymethylethoxy)propanol		No data available				
alkyl alcohol ethoxylate		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
2-phenoxyethanol		No data available				
(2-methoxymethylethoxy)propanol		No data available				

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alkyl alcohol ethoxylate		No data available				
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Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
2-phenoxyethanol		No data available				
(2-methoxymethylethoxy)propanol		No data available				
alkyl alcohol ethoxylate		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
2-phenoxyethanol			No data available					
(2-methoxymethylethoxy)propanol			No data available					
alkyl alcohol ethoxylate			No data available					

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

Ingredient(s)	Effect
2-phenoxyethanol	No data available
(2-methoxymethylethoxy)propanol	No evidence for carcinogenicity, negative test results
alkyl alcohol ethoxylate	No data available

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
2-phenoxyethanol	No evidence for mutagenicity, negative test results	Method not given	No data available	
(2-methoxymethylethoxy)propanol	No evidence for mutagenicity, negative test results	Method not given	No data available	
alkyl alcohol ethoxylate	No data available		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
2-phenoxyethanol			No data available				No evidence for reproductive toxicity
(2-methoxymethylethoxy)propanol		Developmental toxicity	No data available				No evidence for reproductive toxicity
alkyl alcohol ethoxylate			No data available				

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

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2-phenoxyethanol	LC ₅₀	344	Pimephales promelas	Method not given	96
(2-methoxymethylethoxy)propanol	LC ₅₀	> 1000	Poecilia reticulata	Method not given	96
alkyl alcohol ethoxylate		No data available			

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Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2-phenoxyethanol	EC ₅₀	> 500			48
(2-methoxymethylethoxy)propanol	EC ₅₀	1919	Daphnia magna Straus	Method not given	48
alkyl alcohol ethoxylate		No data available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2-phenoxyethanol	EC ₅₀	> 500	Pseudokirchneriella subcapitata	DIN 38412, Part 9	72
(2-methoxymethylethoxy)propanol	EC ₅₀	> 969	Pseudokirchneriella subcapitata	Method not given	96
alkyl alcohol ethoxylate		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
2-phenoxyethanol		No data available			
(2-methoxymethylethoxy)propanol		No data available			
alkyl alcohol ethoxylate		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
2-phenoxyethanol	EC ₂₀	620	Activated sludge	ISO 8192	0.5 hour(s)
(2-methoxymethylethoxy)propanol	EC ₁₀	4168	Pseudomonas putida	Method not given	
alkyl alcohol ethoxylate		No data available			

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
2-phenoxyethanol	NOEC	23	Pimephales promelas	Method not given	34 day(s)	
(2-methoxymethylethoxy)propanol		No data available				
alkyl alcohol ethoxylate		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
2-phenoxyethanol	NOEC	9.43	Daphnia magna	OECD 211	21 day(s)	
(2-methoxymethylethoxy)propanol	NOEC	> 0.5	Daphnia magna	Method not given	22 day(s)	
alkyl alcohol ethoxylate		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if 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
2-phenoxyethanol	LD ₅₀	1000	Eisenia fetida	OECD 207	14	

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
2-phenoxyethanol	EC ₅₀	34	Brassica napus	OECD 208	19	

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Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
2-phenoxyethanol		147	Not specified	OECD 217	7	

12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Ingredient(s)	Half-life time	Method	Evaluation	Remark
(2-methoxymethylethoxy)propanol	< 1 day(s)	Method not given	Rapidly photodegradable	

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
2-phenoxyethanol		COD removal	90-100% in 15 day(s)	OECD 301A	No data available
(2-methoxymethylethoxy)propanol		Oxygen depletion	75% in 28 day(s)	OECD 301F	Readily biodegradable
alkyl alcohol ethoxylate					No data available

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
2-phenoxyethanol	1.2			
(2-methoxymethylethoxy)propanol	1.01	Method not given	Low potential for bioaccumulation	
alkyl alcohol ethoxylate	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
2-phenoxyethanol	No data available				
(2-methoxymethylethoxy)propanol	No data available				
alkyl alcohol ethoxylate	No data available				

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
2-phenoxyethanol	No data available				
(2-methoxymethylethoxy)propanol	No data available				High potential for mobility in soil
alkyl alcohol ethoxylate	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 Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.
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.

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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****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

MSDS code: MSDS4852**Version 06****Revision:** 2012-10-11**Reason for revision:**

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

Full text of the R, H and EUH phrases mentioned in section 3

- R36 - Irritating to eyes.
- R22 - Harmful if swallowed.
- R50 - Very toxic to aquatic organisms.
- R41 - Risk of serious damage to eyes.
- H302 - Harmful if swallowed.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H400 - Very toxic to aquatic life.

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

End of Safety Data Sheet