

**Pledge(\*) Multi Surface Original**

Revision: 2013-01-04

Version: 03

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

**1.1 Product identifier**

Trade name: Pledge(\*) Multi Surface Original

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

**Identified uses:**

For professional use only

AISE-P301 - General purpose cleaner. Manual process

AISE-P302 - General purpose cleaner. Spray and wipe manual process

AISE-P312 - Glass cleaner. Manual process

AISE-P313 - Glass cleaner. Spray and wipe manual process

AISE-P601 - Furniture care product. Manual process

AISE-P602 - Furniture care product. Spray and wipe 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:**

S23d - Do not breathe spray.

S51 - Use only in well-ventilated areas.

**Further indications on the label:**

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

Safety data sheet available for professional user on request.

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

Keep away from sources of ignition - No smoking.

9.9 % by mass of the contents are flammable.

Keep out of the reach of children.

**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
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naphtha (petroleum), hydrotreated heavy	265-150-3	64742-48-9	No data available	Xn; R10-65-66-67	Asp. Tox. 1 (H304) Flam. Liq. 3 (H226) STOT SE 3 (H336) (EUH066)	3-10
methanol	200-659-6	67-56-1	No data available	T,F; R11-23/24/25-39/23/24/ 25	Flam. Liq. 2 (H225) Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) STOT SE 1 (H370)	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:** Very high concentrations may cause asphyxia or narcosis.

**Skin contact:** Unlikely to be irritant in normal use.

**Eye contact:** Can cause irritation.

**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

Cool endangered packaging with water spray jet.

### 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

No special environmental precautions required.

### 6.3 Methods and material for containment and cleaning up

Absorb liquid components with liquid-binding material.

### 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. Use only with adequate ventilation. 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.

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**Prevention of fire and explosion:**

BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50°. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

**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**

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)
methanol	200 ppm 266 mg/m <sup>3</sup>	250 ppm 333 mg/m <sup>3</sup>

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
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	No data available	8	No data available	8

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)
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	No data available	40	No data available	40

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)
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	No data available	8	No data available	8

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
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	260	260	260	260

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
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	50	50	50	50

**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)
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	154	15.4	1540	100

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Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m <sup>3</sup> )
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	570.4	No data available	23.5	No data available

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

Handle in accordance with good industrial hygiene and safety practice. Do not breathe gases, vapour, spray or aerosols. Use only in well-ventilated areas.

*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:** Use only in well ventilated areas.  
**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:** 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:** Respiratory protection is not normally required. However, inhalation of vapour, spray, gas or aerosols should be avoided.

**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:** Aerosol

**Colour:** Milky White

**Odour:** Slightly perfumed

**Odour threshold:** Not applicable.

**pH:**≈ (neat)

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

**Initial boiling point and boiling range (°C):** Not applicable as product is an aerosol

**Flash point (°C):** Not applicable as product is an aerosol

**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:** Not determined

**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**

Keep away from heat and direct sunlight.

**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)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			

**Irritation and corrosivity**

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	No data available			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	No data available			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	No data available			

**Sensitisation**

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy	No data available			

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methanol	No data available			
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## Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	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
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		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
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		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
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		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
naphtha (petroleum), hydrotreated heavy			No data available					
methanol			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
naphtha (petroleum), hydrotreated heavy	No data available
methanol	No data available

## Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
naphtha (petroleum), hydrotreated heavy	No data available		No data available	
methanol	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
naphtha (petroleum), hydrotreated heavy			No data available				
methanol			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)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			

#### Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		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:

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:

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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
naphtha (petroleum), hydrotreated heavy					No data available
methanol					No data available

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 K<sub>ow</sub>)

Ingredient(s)	Value	Method	Evaluation	Remark
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
naphtha (petroleum), hydrotreated heavy	No data available				
methanol	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
naphtha (petroleum), hydrotreated heavy	No data available				
methanol	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 05 05 - gases in pressure containers other than those mentioned in 16 05 04.

Empty packaging

Recommendation:

Dispose of observing national or local regulations.

**SECTION 14: Transport information**

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

14.1 UN number: 1950

14.2 UN proper shipping name:

Aerosols

14.3 Transport hazard class(es):

Class:2

Label(s):2.2



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**14.4 Packing group:** -**14.5 Environmental hazards:**

Environmentally hazardous: No

Marine pollutant: No

**14.6 Special precautions for user:** None known.**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.**Other relevant information:****ADR**

Classification code: 5A

Tunnel restriction code: E

Hazard identification number: -

**IMO/IMDG**

EmS: F-D, S-U

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code. Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

**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**

aliphatic hydrocarbons

5 - 15%

non-ionic surfactants

&lt; 5%

perfumes, Butylphenyl Methylpropional, 2-Bromo-2-Nitropropane-1,3-Diol, Hydroxyisohexyl 3-Cyclohexene

Carboxaldehyde, Hexyl Cinnamal, Cinnamyl Alcohol

**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*

(\*) This brand is used under authority from SC Johnson & Son Inc. Racine, Wisconsin, USA

**MSDS code:** MSDS4687**Version:** 03**Revision:** 2013-01-04**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**

- R10 - Flammable.
- R11 - Highly flammable.
- R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
- R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.
- H225 - Highly flammable liquid and vapour.
- H226 - Flammable liquid and vapour.
- H301 - Toxic if swallowed.
- H304 - May be fatal if swallowed and enters airways.
- H311 - Toxic in contact with skin.
- H331 - Toxic if inhaled.
- H336 - May cause drowsiness or dizziness.
- H370 - Causes damage to organs (a,b,c) if inhaled.
- EUH066 - Repeated exposure may cause skin dryness or cracking.

**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**