



## Soft Care Des E

Revision: 2018-02-02

Version: 01.0

### SECTION 1: Identification of the substance/mixture and supplier

#### 1.1 Product identifier

**Product name:** Soft Care Des E

#### 1.2 Recommended use and restrictions on use

**Identified uses:**

Hand sanitiser

**Restrictions of use:**

Uses other than those identified are not recommended

#### 1.3 Details of the supplier

Diversey Australia Pty. Limited  
29 Chifley St, Smithfield, NSW, 2164, Australia  
Telephone: 1800 647 779 (toll free)  
Fax: (02) 9725 5767  
Email: aucustserv@diversey.com  
Website: www.diversey.com/

#### 1.4 Emergency telephone number

Call 1800 033 111 (24hrs)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Flammable liquids, Category 2  
Serious eye irritation, Category 2A

#### 2.2 Label elements

This product is exempted from labelling requirements.

#### 2.3 Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances / Mixtures

Ingredient(s)	CAS number	EC number	Weight percent
ethanol	64-17-5	200-578-6	>= 60
propan-2-ol	67-63-0	200-661-7	3-10

Non-hazardous ingredients are the remainder and add up to 100%.

\* Polymer.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

For the full text of the H and AUH 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:**

Wash skin with plenty of lukewarm, gently flowing water. 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. Get medical attention or advice if you feel unwell.

**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:**

No known effects or symptoms in normal use.

**Skin contact:**

No known effects or symptoms in normal use.

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**Eye contact:** No known effects or symptoms in normal use.  
**Ingestion:** 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.

**Poison Information Center:** Call 13 11 26 (Australia Wide).

**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.

**5.4 Hazchem code**

•2YE

•2 - Alcohol resistant foam is the preferred firefighting medium but, if it is not available, fine water spray can be used.

Y - Full fire kit and breathing apparatus. Contain.

E - People should be warned to stay indoors with all doors and windows closed, but evacuation may need to be considered.

**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. 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.

**7.3 Specific end use(s)**

No specific advice for end use available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

Ingredient(s)	Long term value(s) (TWA)	Short term value(s) (STEL)	Peak value(s)
ethanol	1000 ppm 1880 mg/m <sup>3</sup>		
propan-2-ol	400 ppm 983 mg/m <sup>3</sup>	500 ppm 1230 mg/m <sup>3</sup>	

**8.2 Exposure controls**

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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:** Should not reach sewage water or drainage ditch undiluted or unneutralised.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

	Method / remark
<b>Physical State:</b> Liquid	
<b>Colour:</b> Clear, Colourless	
<b>Odour:</b> Product specific	
<b>Odour threshold:</b> Not applicable	
<b>pH:</b> ≈ (neat)	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	
<b>Flash point (°C):</b> <	closed cup
<b>Sustained combustion:</b> Not applicable. ( UN Manual of Tests and Criteria, section 32, L.2 )	
<b>Evaporation rate:</b> Not determined	Not relevant to classification of this product
<b>Flammability (solid, gas):</b> Not applicable to liquids	
<b>Upper/lower flammability limit (%):</b> Not determined	
<b>Vapour pressure:</b> Not determined	
<b>Vapour density:</b> Not determined	
<b>Relative density:</b> ≈ Not determined (20 °C)	Not relevant to classification of this product OECD 109 (EU A.3)
<b>Solubility in / Miscibility with Water:</b> Fully miscible	
<b>Partition coefficient: n-octanol/water</b> No information available.	
<b>Autoignition temperature:</b> Not determined	
<b>Decomposition temperature:</b> Not applicable.	
<b>Viscosity:</b> Not determined	Not relevant to classification of this product
<b>Explosive properties:</b>	
<b>Oxidising properties:</b>	

**9.2 Other information**

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

## 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

Mixture data:.

## Relevant calculated ATE(s):

ATE - Oral (mg/kg): &gt;5000

ATE - Inhalatory, vapours (mg/l): &gt;50

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

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
ethanol	LD <sub>50</sub>	5000	Rat	OECD 401 (EU B.1)	
propan-2-ol	LD <sub>50</sub>	3570	Rat	Method not given	

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
ethanol	LD <sub>50</sub>	> 10000	Rabbit	OECD 402 (EU B.3)	
propan-2-ol	LD <sub>50</sub>	> 2000	Rabbit	Method not given	

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
ethanol	LC <sub>50</sub>	> 1800	Rat	Non guideline test	4
propan-2-ol	LC <sub>50</sub>	> 25 (vapour)	Rat	OECD 403 (EU B.2)	6

Ingredient(s)	Result	Species	Method	Exposure time
ethanol	No data available			
propan-2-ol	Not irritant	Rabbit	OECD 404 (EU B.4)	

Ingredient(s)	Result	Species	Method	Exposure time
ethanol	No data available			
propan-2-ol	Irritant	Rabbit	OECD 405 (EU B.5)	

Ingredient(s)	Result	Species	Method	Exposure time
ethanol	No data available			
propan-2-ol	No data available			

Ingredient(s)	Result	Species	Method	Exposure time (h)
ethanol	No data available			
propan-2-ol	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	

Ingredient(s)	Result	Species	Method	Exposure time
ethanol	No data available			
propan-2-ol	No data available			

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
ethanol	No data available		No data available	
propan-2-ol	No evidence for mutagenicity, negative test results No evidence of genotoxicity, negative test results	OECD 471 (EU B.12/13)	No evidence of genotoxicity, negative test results	OECD 474 (EU B.12)

Ingredient(s)	Effect
ethanol	No data available
propan-2-ol	No data available

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
ethanol			No data available				
propan-2-ol			No data available				

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
ethanol		No data available				
propan-2-ol		No data				

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		available				
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Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
ethanol		No data available				
propan-2-ol		No data available				

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
ethanol		No data available				
propan-2-ol		No data available				

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
ethanol			No data available					
propan-2-ol			No data available					

Ingredient(s)	Affected organ(s)
ethanol	No data available
propan-2-ol	No data available

Ingredient(s)	Affected organ(s)
ethanol	No data available
propan-2-ol	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:

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
ethanol	LC <sub>50</sub>	8150	<i>Alburnus alburnus</i>	Method not given	96
propan-2-ol	LC <sub>50</sub>	> 100	<i>Pimephales promelas</i>	Method not given	48

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
ethanol	EC <sub>50</sub>	9268 - 14221	<i>Daphnia magna Straus</i>	Method not given	48
propan-2-ol	EC <sub>50</sub>	> 100	<i>Daphnia magna Straus</i>	Method not given	48

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
ethanol	EC <sub>0</sub>	5000	<i>Scenedesmus quadricauda</i>	Method not given	168
propan-2-ol	EC <sub>50</sub>	> 100	<i>Scenedesmus quadricauda</i>	Method not given	72

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
ethanol		No data available			-
propan-2-ol		No data available			-

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
ethanol	EC <sub>0</sub>	6500	<i>Pseudomonas</i>	Method not given	16 hour(s)

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			<i>putida</i>	
propan-2-ol	EC <sub>50</sub>	> 1000	<i>Activated sludge</i>	Method not given

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
ethanol		No data available				
propan-2-ol		No data available				

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
ethanol		No data available				
propan-2-ol		No data available				

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
propan-2-ol		No data available			-	

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
propan-2-ol		No data available			-	

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
propan-2-ol		No data available			-	

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
propan-2-ol		No data available			-	

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
propan-2-ol		No data available			-	

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
ethanol		No data available			-	
propan-2-ol		No data available			-	

## 12.2 Persistence and degradability

Ingredient(s)	Inoculum	Analytical method	DT <sub>50</sub>	Method	Evaluation
ethanol				OECD 301B	Readily biodegradable
propan-2-ol			95 % in 21 day(s)	OECD 301E	Readily biodegradable

## 12.3 Bioaccumulative potential

Ingredient(s)	Value	Method	Evaluation	Remark
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ethanol	No data available		
propan-2-ol	0.05	OECD 107	No bioaccumulation expected

Ingredient(s)	Value	Species	Method	Evaluation	Remark
ethanol	No data available				
propan-2-ol	No data available				

**12.4 Mobility in soil**

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
ethanol	No data available				
propan-2-ol	No data available				Potential for mobility in soil, soluble in water

**12.5 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.

**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, Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)**

14.1 UN number: 1170

14.2 UN proper shipping name:

Ethanol solution (ethyl alcohol solution)

14.3 Transport hazard class(es):

Class: 3

Label(s): 3

14.4 Packing group: II

14.5 Environmental hazards:

14.6 Special precautions for user: None known.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: The product is not transported in bulk tankers.

Other relevant information:

Hazchem code: •2YE

IMO/IMDG

EmS: F-E, S-D

The product has been classified, labelled and packaged in accordance with the requirements of ADG 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****National regulations**

Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia.

**Poison schedule**

A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Classification**

Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia. GHS labelling is exempted because it is used as a cosmetic product.

**Inventory listing(s)**

AICS (Australian Inventory of Chemical Substances): All components are listed on AICS, or are exempt.

**SECTION 16: Other information**

SDS code: MS31000364

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**Full text of the H phrases mentioned in section 3:**

**Exposure standards - Time Weighted Average (TWA) or Workplace Exposure Standard (WES) (NZ):** Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

**Abbreviations and acronyms:**

- DNEL - Derived No Effect Limit
- AUH - GHS Specific hazard statement
- PNEC - Predicted No Effect Concentration
- ATE - Acute Toxicity Estimate
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LD50 - Lethal Dose, 50% / Median Lethal dose
- STOT-RE - Specific target organ toxicity (repeated exposure)
- STOT-SE - Specific target organ toxicity (single exposure)
- EC No. - European Community Number

**End of Safety Data Sheet**