

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

### 1.1. Product identifier

**Product name:** CHEMECO ALCOHOL FREE HAND RUB  
**Product code:** CE 012

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

### 1.3. Details of the supplier of the safety data sheet

**Company name:** ChemEco UK Ltd  
14 St Owens  
Hereford  
HR12PL  
**Tel:** +44 7933 386833  
**Email:** [info@chemeco-uk.com](mailto:info@chemeco-uk.com)

### 1.4. Emergency telephone number

**Emergency tel:** +44 7933 386833  
(office hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** This product has no classification under CLP

**Most important adverse effects:** Contact with acid liberates very toxic gas

### 2.2. Label elements

**Label elements:** This product has no label elements  
**Hazard statements:** None

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

**SAFETY DATA SHEET**  
CHEMECO ALCOHOL FREE HAND RUB

Page: 2

**Hazardous ingredients:**

Chemical Nature		Aqueous solution		
Hazardous components		Amount [%]	Classification (REGULATION (EC) No 1272/2008)	
			Hazard class / Hazard category	Hazard statements
<b>C9-11 Alcohol Ethoxylate with 12 moles of ethoxylation</b>		0.1-1.0%	Acute Tox. 4: H302; Eye Dam. 1:	H302 H318
Index No	Not available			
Cas No.	68439-46-3			
Ec No.	Not available			
Registration No	01-2119980051-45-0000			
<b>Propan-2-ol</b>		0.1-1.0%	Flam. Liquid 2 Eye Irrit. 2 STOT Single Exp. 3	H225 H319 H336
Index No	603-117-00-0			
Cas No.	67-63-0			
Ec No.	200-661-7			
Registration No	01-2119457558-25-XXXX			
<b>Didcyldimethylammonium chloride</b>		<0.1%	Acute Tox. 3 Skin Corr. 1B H314	H301 H314 H410
Index No				
Cas No.	7173-51-5			
Ec No.	230-525-2			
Registration No	01-2119945987-15-XXXX			

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

**4.2. Most important symptoms and effects, both acute and delayed**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Not applicable.

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**SAFETY DATA SHEET**  
CHEMECO ALCOHOL FREE HAND RUB

Page: 3

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental:** Prevent material from entering sewers, waterways, or low areas. Do not allow to dry. If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Dilute with water. Pick up and transfer to properly labelled containers. After cleaning, flush away traces with water. Or where applicable absorb with liquid-binding non-combustible material(sand, diatomite, acid binders, and universal binders). Keep in suitable, closed containers for disposal. Flush away residuals with plenty of water.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:**

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# SAFETY DATA SHEET

CHEMECO ALCOHOL FREE HAND RUB

Page: 4

Information on Component: Propan-2-ol CAS-No. 67-63-0	
UK. EH40 Workplace Exposure Limits (WELs)	Value type : Time Weighted Average (TWA): Value : 400 ppm Value : 999 mg/m3
UK. EH40 Workplace Exposure Limits (WELs)	Value type : Short Term Exposure Limit (STEL): Value : 500 ppm Value : 1,250 mg/m3

## 8.2. Exposure controls

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Colourless

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Relative density:** 1.02

**pH:** 7-9

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

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**SAFETY DATA SHEET**  
CHEMECO ALCOHOL FREE HAND RUB

Page: 5

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Contact with acids, organic materials, reducing agents and oxidizing agents will release toxic gases of chlorine and/or chlorine dioxide.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicity values:** No data available.

**Symptoms / routes of exposure**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

**Section 12: Ecological information**

**12.1. Toxicity**

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**SAFETY DATA SHEET**  
CHEMECO ALCOHOL FREE HAND RUB

Page: 6

<b>Information on component</b>		<b>C9-11 Alcohol ethoxylate with 12MEO CAS-No. N/A</b>
<b>Acute toxicity</b>		
<b>Fish</b>	<b>LC50 / 96 h / &lt;105 mg/l</b>	
<b>Toxicity to Daphnia and other invertebrates</b>	<b>No data available</b>	
<b>Algae</b>	<b>No data available</b>	
<b>Information on component</b>		<b>Propan-2-ol CAS-No. 67-63-0</b>
<b>Acute toxicity</b>		
<b>Fish</b>	<b>EC50 / 96 h / Pimephales promelas 9640 mg/l</b>	
<b>Toxicity to Daphnia and other invertebrates</b>	<b>EC50 / 48 h / Daphnia magna (Water flea): 13299 mg/l</b>	
<b>Algae</b>	<b>EC50 / 72 h / Desmodesmus subspicatus (green algae): &gt;1 mg/l</b>	
<b>Bacteria</b>	<b>EC10 18H Pseudomonas putida 5,175 mg/l Method : DIN 38412 EC50 activated sludge &gt; 1,000 mg/l (Respiration inhibition of activated sludge)</b>	
<b>Information on component</b>		<b>Didecyl dimethyl ammonium chloride CAS-No. 7173-51-5</b>
<b>Acute toxicity</b>		
<b>Fish</b>	<b>LC50 96h - Brachydanio rerio (zebrafish) - 0.49 mg/l - 96 h</b>	
<b>Toxicity to Daphnia and other invertebrates</b>	<b>EC50 / 48 h / Daphnia magna (Water flea): 0.294 mg/l</b>	
<b>Algae</b>	<b>No data available</b>	

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradation: 95 % Exposure time: 21 d. Readily biodegradable. Method: (OECD 301 E).

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

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**SAFETY DATA SHEET**  
CHEMECO ALCOHOL FREE HAND RUB

Page: 7

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

