

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

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

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Hazardous ingredients:

Chemical Nature		Aqueous solution		
Hazardous components		Amount [%]	Classification	
			(REGULATION (EC) No 1272/2008)	
			Hazard class / Hazard category	Hazard statements
C9-11 Alcohol Ethoxylate with 12 moles of ethoxylation		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			
Propan-2-ol		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			
Didecyldimethylammonium chloride		<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: No special recommendations.

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

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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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.

