

SAFETY DATA SHEET

Co-Clens Hygienic Alcohol Hand Rub

Section 1: Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Trade name:	Co-Clens Hygienic Alcohol Hand Rub
Synonyms:	

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

Recommended uses:	Hand sanitiser
-------------------	----------------

1.3 Details of the supplier of the safety data sheet

Supplier:	Co-Clens Ltd
Company:	Cod Beck Blenders Ltd
Address:	Cod Beck Mill Industrial Estate Dalton Lane Thirsk YO7 3HR
Telephone:	+44 (0) 1845 577117
Email:	enquiries@cbchem.co.uk

1.4 Emergency contact number

+44 (0) 1845 577117 (24hrs)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to 1272/2008/EC:

Physical hazards:	Flammable Liquid 2, H225
Health hazards:	Eye irritant 2, H319
Environmental hazards:	Not classified

Most serious harmful effects:

Eye irritation

2.2 Label elements

Labelling according to 1272/2008/EC:



GHS02 · GHS07

Signal word:	Danger
--------------	--------

Hazard statements:	H225 Highly flammable liquid and vapour H319 Causes serious eye irritation H336 May cause drowsiness or dizziness
Precautionary statements / Supplemental label information / Supplementary precautionary statements:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention. P370 + P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403 + P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with national regulations. Eye protection not required normally but wear eye protection if you are conducting an operation where there is a risk of product getting in the eyes. P233 Keep container tightly closed.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 3: Composition/information on ingredients

3.1 Substance / Mixture:

Mixture

3.2 Mixture

Name	Product identifier	Concentration limits	Classification
Ethanol	64-17-5	Greater than 60%	Flam. Liq. 2 Eye Irrit. 2
Glycerol	56-81-5	Between 1 and 3%	Not classified
Hydrogen peroxide	7722-84-1	Less than 1%	Acute Tox. 4 Skin Corr. 1A Eye Dam. 1 STOT SE 3

Section 4: First aid measures

4.1 Description of first aid measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing
Skin contact:	In case of skin contact in excess of normal use wash and remove contaminated clothing.
Eye contact:	Remove contact lenses if present and wash eyes with water. If irritation persists seek medical advice
Ingestion:	Rinse mouth, do not induce vomiting, seek medical advice

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	Slight dizziness or disorientation
Eye contact:	Mild irritation
Ingestion:	No specific symptoms known

Information for health personnel:	No specific recommendations
--	-----------------------------

4.3 Indication of any immediate medical attention and special treatment needed

Specific details on antidotes:	None known
---------------------------------------	------------

Section 5: Firefighting measures

Extinguishing media / Inappropriate extinguishing media:	Use foam, CO ₂ , dry powder or water fog Avoid use of high pressure water jet which may spread the fire
Special hazards arising from the substance or mixture:	Highly flammable liquid and vapour. May form explosive mixtures with air at high concentration Hazardous combustion products oxides of carbon.
Advice for firefighters:	Cool containers exposed to flames. Wear positive pressure self-contained breathing apparatus (SCBA)
Further information:	None known

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective clothing described in section 8 in case of large spillage. Ensure that all ignition sources are removed. No smoking.

6.2 Environmental precautions

Environmental precautionary measures: Do not discharge into drains or watercourses or onto ground. Contain spillage with inert absorbent material.

6.3 Methods and material for containment and cleaning up

Eliminate all sources of ignition, provide adequate ventilation, absorb onto inert material such as sand or vermiculite and place into container. Wash after dealing with spillage.

6.4 Reference to other sections

For personal protection see section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling:	Store in a well ventilated area away from heat, sparks or open flame. No smoking
7.2 Protective safety measures:	Store bulk supplies in flammable liquids storage
7.3 Advice on general occupational hygiene:	This material is intended as a hand sanitiser.
7.4 Conditions for safe storage, including any incompatibilities:	Store in tightly closed container; ensure that the container is closed after use.
7.5 Conditions to avoid:	Avoid ignition sources and elevated temperatures
7.6 Specific end use(s):	This product is a hand sanitiser for general use

Section 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Substance	Long term exposure limit (8hr TWA)
Ethanol	WEL 1000ppm, 1920mg/m ³
Glycerine	10mg/m ³ as mist

8.2 Exposure controls / Occupational exposure limits

Safety signs



Engineering controls:	Not relevant
Respiratory protection:	Not normally required. In case of a large spillage wear full face mask with organic fumes filters
Hand protection:	Not normally required
Eye / face protection:	Not normally required but wear eye protection if you are conducting an operation where there is a risk of eye contact
Skin protection:	Not required

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Gel
Colour:	Colourless to cream
Odour:	Alcohol
pH:	N/a
Density:	Not determined
Flash point:	Not determined; classification based on ethanol content
Flammability range:	Not determined
Miscibility with water:	Miscible

9.2 Other safety information

None

Section 10: Stability and reactivity

10.1 Reactivity:	There are no known reactivity hazards associated with this product
10.2 Chemical stability:	No stability concerns
10.3 Possibility of hazardous reactions:	None determined
10.4 Conditions to avoid:	Avoid ignition sources and high temperatures
10.5 Incompatible materials:	None known
10.6 Hazardous decomposition products:	Oxides of carbon

Section 11: Toxicological information

11.1 Information on toxicological effects

General information:	This product is a hand sanitiser and when used as directed is not expected to be a hazard to health. The following data for ethanol is indicative only
Inhalation:	Species Rat ATE inhalation (vapours mg/l) 124.7
Ingestion:	LD ₅₀ 10470 mg/kg, Oral, Rat
Skin contact:	Skin – Rabbit. Result: No skin irritation (OECD Test Guideline 404) Acute toxicity – dermal (dermal LD ₅₀): LD ₅₀ >2000 mg/kg, Dermal, Rabbit
Eye contact:	Eyes – Rabbit. Result: Eye irritation
Respiratory sensitisation:	Based on available data the classification criteria are not met.
Skin sensitisation:	Skin sensitisation – Guinea pig: Not sensitising.
Germ cell mutagenicity:	Genotoxicity – in vitro, bacterial reverse mutation test: Negative. Genotoxicity – in vivo, chromosome aberration: Negative.
Carcinogenicity (mouse):	NOAEL > 4250 mg/kg/day, Oral
Reproductive toxicity:	Reproductive toxicity – fertility: Based on available data the classification criteria are not met.
Specific target organ toxicity - single exposure:	STOT – single exposure: Based on available data the classification criteria are not met.
Specific target organ toxicity - repeated exposure:	STOT – repeated exposure: LOAEL 3160 mg/kg, Oral, Rat. Target organs: Kidneys
Acute and chronic health hazards:	
Medical symptoms:	Eye irritation, respiratory irritation, nausea, dizziness and intoxication if ingested or inhaled
Medical considerations:	Remove from exposure and treat symptomatically

Section 12: Ecological information

This product is not expected to be hazardous to the environment. The data below is indicative based on ethanol.

12.1 Toxicity:	Toxicity to fish: LC ₅₀ , 96 hours: 11,200 mg/l, Freshwater fish Toxicity to daphnia and other aquatic invertebrates: LC ₅₀ , 48 hours: 12,340 mg/l, Daphnia magna Toxicity to plants: EC ₅₀ , 72 hours: 12,900 mg/l, Selenastrum capricornutum
12.2 Persistence and degradability:	Water – Degradation (%) 75: 20 days. The substance is readily biodegradable.
12.3 Bioaccumulative potential:	No bioaccumulation is to be expected (log Pow ≤ 4).
12.4 Mobility in soil:	No data available
12.5 Results of PBT and vPvB assessment:	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 13: Disposal considerations

13.1 Waste treatment methods

General information:	Dispose of to licensed waste disposal company within the requirements of local regulation
Disposal method:	Reuse or recycle when possible. Disposal in accordance with local regulation

Section 14: Transport information

14.1 UN number:	UN 1987
14.2 UN proper shipping name:	Alcohols NOS (Propanol)
14.3 Transport hazard class(es):	3
14.4 Packing group:	II
14.5 Environmental hazards:	Environmentally hazardous substance/marine pollutant:
14.6 Special precautions for user:	
Emergency Action Code:	.3YE
Hazard Identification Number (ADR/RID):	33
Tunnel restriction code:	(D/E)

Section 15: Regulatory information

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

EU legislation:	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance:	Workplace Exposure Limits EH40.

Section 16: Other information

Key literature references and sources for data:	European Chemicals Agency, http://echa.europa.eu/
Use restriction:	The mixture should not be used for purposes other than those described in section 1 of this document
Issued by:	Job title required
Basis of classification:	Calculation from formulation
Revision:	Revision 01 (22-09-2026): reformatted to Co-Clens branding; supplier name added in section 1.3. No change to technical content. Previous version: Issue 01, Revision 00, issued 09-03-2020.