

CARBOLIC LIQUID SOAP

FEATURES & APPLICATIONS

Unico Carbolic Liquid Soap is a scrub soap. Internally, Carbolic Liquid Soap will clean floors, walls, paintwork, vinyl upholstery and similar surfaces. It can also be used to remove oil, fat and grease marks. Externally, Carbolic Liquid Soap will clean paths, yards, brickwork, walls etc. Carbolic Liquid Soap can also be used to clean wastebins and drains. Unico Carbolic Liquid Soap is compatible with almost any internal and external hard surface. It is a good general-purpose hard surface cleaner, but will also remove oil and grease. It incorporates a safe, but effective phenolic bactericide.

APPLICATION DETAILS

Task	Maximum Dilution	How to use
Cleaning floors, walls, paintwork etc.	1 in 80 with water (60 ml per 5 litres).	Clean thoroughly with a cloth, mop or sponge. Leave to dry without rinsing.
Heavy duty cleaning.	1 in 40 with water (120ml per 5 litres)	Clean with a cloth, sponge or mop. Rinse with fresh water.
Removing oil, fat and grease.	1 in 10 with water (500 ml per 5 litres)	Clean thoroughly, then rinse with fresh water.
Cleaning wastebins and drains.	Use undiluted.	Pour over surface, ensuring complete coverage.

Note: If using an Ounce-a-matic dispenser one measure = 30ml.

PRODUCT AND PACKAGING INFORMATION

Appearance & Odour:	Clear, amber liquid with phenolic odour.
Chemical Description:	An aqueous solution of soap, phenolic bactericide, alcohol and chelating agent.
Packaging:	20 litres.
Shelf Life:	2 Years

ENVIRONMENTAL INFORMATION

General Information: This product is expected to have very little ecological impact.

Environmental Checklist:

Biodegradable detergents	Yes	CFC free	Yes	Solvent free	No
Phosphate free	Yes	Acid/alkali free	No	Free of dyes/perfumes	Yes
Recyclable packaging	Yes	Biodegradable container	No	Biodegradable outer box	Yes

FURTHER INFORMATION AVAILABLE ON REQUEST

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial Name Intended/Recommended use	Carbolic Liquid Soap Scrub Soap	Supplier Address	Unico Ltd North Main Street, Carronshore, Falkirk FK2 8HT 01324 573400 01324 573401
Issue Date Issue Number	April 15 7	Telephone Fax	

2. HAZARDS IDENTIFICATION

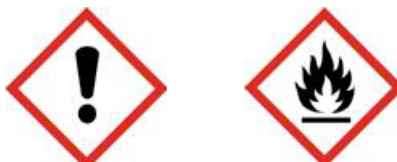
2.1 Classification This product has no classification according to Chemicals (Hazard Information Packaging and Supply) Regulations 2002.

This product is classified under EC 1272/2008

Physical and Chemical Hazards	Flammable liquid & vapour – H226
Human Health	Eye Irritant – H319
	Skin irritant – H315
Environment	Not Classified

2.1 Label Elements

Label in Accordance with (EC) No. 1272/2008



Signal Word
Hazard Statements

Warning

H226 Flammable liquid and vapour
H319 Causes serious eye Irritation
H315 Causes skin irritation

Precautionary Statements

P102 - Keep out of the Reach of Children
P103 – Please read the label information before use.
EUH 210 - Safety data sheet available on request.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P302 + P313 If skin irritation occurs: Get medical advice/attention.
P305 + P351 + P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P281 Use personal protective equipment as required.
Wear eye piece protection when handling concentrated product.
Rubber /impervious Gloves for skin protection. When handling concentrated product

3. COMPOSITION OF PRODUCT AND INFORMATION ON INGREDIENTS

2.1 Mixtures

Concentrations below the concentration limit for classification in mixtures means that substance not reaching this does not need to be classified. Those that do not reach this concentration will still be included as indicative advice only.

Tall Oil Fatty Acid	1 – 10%
CAS-No.: 61790-12-3	EC No.: 263-107-3
Classification (EC 1272/2008) None	

Propan-2-ol	1 – 10%
CAS-No.: 67-63-0	EC No.: 200-661-7
Classification (EC 1272/2008) Eye Irritant 2 – H319	
Flammable 3 – H226	

Sodium Hydroxide		1 – 10%
CAS-No.: 1310-73-2	EC No.: 215-185-5	
Classification (EC 1272/2008) Metal Corr. 1 – H290		Skin / Eye Corr. 1A – H314

<u>NAME</u>	<u>RANGE</u>	<u>EINECS</u>	<u>CAS No</u>	<u>Conc. Limit for Classification</u>
Tetrasodium EDTA	0.1-1	200-573-9	64-02-8	1%
2-Benzyl-4-Chlorophenol	0.1-1	204-385-8	120-32-1	1%

4. FIRST AID MEASURES

4.1 Description of first aid measures

- Ingestion** Drink a glass of water to dilute product. Do not induce vomiting. Act immediately to prevent further irritation of mouth, throat and stomach mucosa.
- Inhalation** No ill effects expected. If irritation is experienced go in open air and ventilate area. Mouth and throat may be rinsed with water.
- Eye Contact** Check for and remove contact lenses. Rinse thoroughly with plenty of water for several minutes.
- Skin Contact** Rinse affected area with water, if needed apply a cold compress to relieve irritation.

4.2 Most important symptoms and effects, both acute & chronic

Where irritation of tissue occurs, stinging and redden accompanied by some discomfort for a short period after exposure no further exposure until condition improves. No Chronic effects known

4.3 Indication of any immediate medical attention and special treatment needed

If irritation to the mouth, throat, stomach, skin, eyes or respiratory system occurs and doesn't subside within a few minutes after the first aid measures have been carried out, seek immediate medical advice and have this SDS or the product label to hand.

A cold compress can be used to alleviate skin irritation.

5. FIRE FIGHTING MEASURES

- 5.1 Suitable extinguishing media** This product has a flammable liquid as a fraction above 1% but below 10% and the flammability has so far not been determined for this mixture. Foam or CO2 is sufficient in the event of a direct ignition. Use fire extinguishing media appropriate for surrounding area for all other situations.
- Unsuitable extinguishing media** Depends on requirements for surround area.
- 5.2 Special hazards arising from the substance or mixture** Fumes may contain poisonous oxides of carbon and nitrogen (CO_x & NO_x) if affected by fire.
- 5.3 Advice for firefighters** Use appropriate extinguishing media for fires in the area. Firefighters should wear self-contained breathing apparatus if heat generated breakdown products are likely to be present.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing and eyeshields. Ventilate the area.
- 6.2 Environmental Precautions**
Avoid spillage into surface water drains, soil / subsoil or vegetation.
- 6.3 Methods and material for containment and cleaning up**
Hose away with plenty of water, diluting well, unless this would contaminate a water source or vegetation. In which case either collect, dilute as earlier and pour down waste drain (foul sewer) or absorb onto dry sand or similar material and dispose of safely as commercial waste.

7. HANDLING AND STORAGE

- 7.1 Handling** Take care when dispensing product from container and assure adequate ventilation. Avoid contact with skin and eyes. Do not mix with any other chemicals.

7.2 Storage Store upright in original containers in a cool dry area out of the reach of children.

7.3 Specific end use(s) Use only as directed by the front page of this document and the product label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Comments
Propan-2-ol	WEL	400ppm	999mg/m ³	500ppm	1250mg/m ³	
Sodium Hydroxide	WEL	--	--	--	2mg/m ³	

Note: No other substances above 1% in the product with a listed exposure limit

8.2 Exposure Control

Respiratory Protection Personal protection is not normally required unless a risk assessment indicates the need for it .In which case wear a facemask with a suitable filter.

Skin Protection Personal protection is not normally required unless a risk assessment indicates the need for it .In which case wear protective overalls and safety shoes/boots.

Eye Protection Wear eyeshields.

Hand Protection For prolonged contact or sensitive skin the use of rubber gloves is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Amber Liquid	Flash Point (ACC)	To be determined but expected to be above 55C
Odour	Phenolic	Viscosity (20C)	1 cp approx
pH	10.5 typically	Water Solubility	Soluble
Boiling Point	N/A	Explosive Properties	None
Oxidising Properties	None	Vapour Pressure	Not Applicable
Fat Solubility	Forms an emulsion	Relative Density	1.00

9.2 Other Information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity Not known to react with other chemicals

10.2 Chemical Stability No stability concerns

10.3 Hazardous Reactions None known

10.4 Conditions to Avoid Extreme heat or cold

10.5 Incompatible Materials None known.

10.6 Hazardous decomposition products None when handled and stored correctly.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Consideration is only given to components with greater than 1% based on the product formulation and those with a listed exposure limit in Section 8.

Acute Toxicity – Irritant to tissue and eyes

Component	LD-50, Oral, mg/kg	LD-50, Skin mg/kg	LC-50 (Inhalation)	Chronic Consideration
Propan-2-ol	5045 (rat)	12800 (rabbit)	-	None known
Sodium Hydroxide	40 (mouse)	500 (rabbit)	250 mg/m ³ (IDLH)	None known

Chronic Toxicity

Carcinogenicity There are no known carcinogenic chemicals in this product

Sensitization No information available.

Mutagenic Effects No information available

Reproductive Effects No information available.

Developmental Effects No information available.

Target Organs None known

Endocrine Disruptor Info. No information available.

Other Adverse Effects The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Ecotoxicity effects

Component	Toxicity to Fish LC-50, mg/l	Exposure Time, Hrs	Comments
Propam-2-ol	11130 (Pimephales Promelas)	96	
Sodium Hydroxide	125 (Gambusia affinis)	96	

12.3 Bioaccumulation Potential With the current information available, when used for its intended purpose this product will not cause adverse effects in the environment.

12.4 Mobility in soil No information available

12.5 Aquatic Toxicity With the current information available, this is judged to be low at the dilutions that exist.

12.6 Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Discharge used working solutions to drain is acceptable in small amounts due to the dilution of running water. Small amounts (less than 1 Litre) of unwanted concentrated product may be flushed with water to sewer with at least 15 minutes of running water.

Larger volumes of the concentrated product must be sent for disposal using a licensed waste disposal contractor.

Rinse out empty container with water and consign to normal waste.

14. TRANSPORT

Not regulated for Transport with current knowledge

15. REGULATORY INFORMATION

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

EU legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Guidance

Workplace Exposure Limits EH40.

The National Institute for Occupational Safety and Health (NIOSH) register of Immediately Dangerous to Life or Health Concentrations (IDLH)

16. OTHER INFORMATION

This product does not require any special training before use. Usage and handling instructions are mentioned on packaging and on the first page of this Safety Data Sheet. This health and safety information refers to the concentrated product and has been prepared assuming the intended described use is adhered to. Any unusual or novel use of this product is done without being assessed for the impact nor is it part of the considerations in this document.

Diluted solutions can be considered to be significantly less hazardous although they should always be handled with care.

Key literature references and sources for data

Safety Data Sheet, Misc. manufacturers.

CLP Classification - Table 3.1 List of harmonised classification and labelling of hazardous substances.

CHIP Classification - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

ECHA - C&L Inventory database.

Revision comments

This product is now using classification from GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Revision date 01/05/2017 T

The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

Hazard statements in full

H226 Flammable liquid & vapour

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation

H319 Causes serious eye irritation