

Safety Data Sheet

section

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name/designation : LIQUID CRYSTAL CONCENTRATE.
Article No (user) : WLI0048.
UFI : 7V00-X0JW-6002-0FA7

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

REACH: Product is a mixture, therefore Exempt.

Relevant identified uses : Personal Care/Cosmetic. (PC39).
Uses advised against : None identified.

1.3 Details of the supplier of the safety data sheet

Supplier : **Name:** Stephenson
Street: Brookfoot House, Low Lane, Leeds
Postal code/City: LS18 5PU
Country: United Kingdom
Telephone: +441132050900
Website: <https://www.stephensonpersonalcare.com/>
E-mail: Hello@stephensongroup.co.uk

1.4 Emergency Telephone Number

United Kingdom:

STEPHENSON +44 (0) 7764 639 059.

+35625454030 +35 (0) 31 837 9964 (medical professionals) +35 (0) 31 809 2166 (public) In England and Wales: dial 111 (

NHS 111), In Scotland: dial 111 (NHS 24), In Northern Ireland: Contact your local GP or pharmacist during normal hours.

During GP Out-of-Hours (www.gpoutofhours.hscni.net/): Belfast HSC Trust, (North & West) 028 9074 4447, (South & East)

028 9079 6220 South Eastern HSC Trust, (North Down & Ards) 028 9182 2344, (Lisburn & Downpatrick) 028 9260 2204,

Dalriada Urgent Care (Northern Trust area) 028 2566 3500, Southern HSC Trust 028 3839 9201, Western Urgent Care 028

7186 5195.

section

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Hazards identification:

H315	Skin Irrit. 2	Causes skin irritation.
H318	Eye Dam. 1	Causes serious eye damage
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects

2.2 Label elements

Label elements according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Labelling

Hazard pictograms



Signal word

Danger

Hazard Statements

- H315 Causes skin irritation.
H318 Causes serious eye damage
H412 Harmful to aquatic life with long lasting effects

Precautionary Statements - Prevention

- P280 Wear protective gloves/protective clothing/eye protection.

Precautionary Statements - Response

- P305+P351+ P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a doctor if symptoms persist.
P321 Specific treatment, none required.

Precautionary Statements - Disposal

- P501 Dispose of contents/container according to applicable legislation.

Contains

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (>1 <2.5 mol EO), 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts

2.3 Other hazards

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

Composition/information on ingredients

3.2 Mixtures

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

In accordance with the product knowledge, no nanomaterials have been identified.

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Substance		Concentration (%)	Specific concentration limits	Classification	
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (>1 <2.5 mol EO)					
CAS N°	68891-38-3	25.0 – 50.0%	Eye Dam. 1;H318: C ≥ 10 % Eye Irrit. 2;H319: 5 % ≤ C < 10 %	H315	Skin Irrit. 2
EC N°	500-234-8			H318	Eye Dam. 1
IDX N°				H412	Aquatic Chronic 3
Registration number	01-2119488639-16-XXXX				
sodium chloride					
CAS N°	7647-14-5	1.0 – 5.0%			
EC N°	231-598-3				
IDX N°					
Registration number	01-2119485491-33-XXXX				

propane-1,2-diol [1]				
CAS N°	57-55-6	1.0 – 5.0%		
EC N°	200-338-0			
IDX N°				
Registration number	01-2119456809-23-XXXX			
Amines, C12-18-alkyldimethyl, N-oxides				
CAS N°	68955-55-5	1.0 – 5.0%		H319 Eye Irrit. 2
EC N°	273-281-2			H400 Aquatic Acute 1
IDX N°				H411 Aquatic Chronic 2
Registration number				
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts				
CAS N°	97862-59-4	1.0 – 5.0%		H318 Eye Dam. 1
EC N°	308-107-7			H412 Aquatic Chronic 3
IDX N°				
Registration number				
citric acid				
CAS N°	77-92-9	0.1 – 0.5%		H319 Eye Irrit. 2
EC N°	201-069-1			H335 STOT SE 3 H335
IDX N°	607-750-00-3			
Registration number	01-2119457026-42-XXXX			
2-methyl-2H-isothiazol-3-one				
CAS N°	2682-20-4	<0.001%	Skin Sens. 1A; H317: C ≥ 0,0015 % M=10 M=1	H301 Acute Tox. 3 ORAL
EC N°	220-239-6			H311 Acute Tox. 3 DERMAL
IDX N°	613-326-00-9			H314 Skin Corr. 1B
Registration number				H317 Skin Sens. 1A
				H318 Eye Dam. 1
				H330 Acute Tox. 2 INHALATION
				H400 Aquatic Acute 1
				H410 Aquatic Chronic 1

[1] Substance for which maximum workplace exposure limits are available.

Remark

Text phrases and H- EUH-: see section 16.

First aid measures

4.1 Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Remove victim out of the danger area.

Keep affected person warm, still and covered.

Do not leave affected person unattended.

Following inhalation:

Remove person to fresh air and keep comfortable for breathing.

Following skin contact:

Change contaminated, saturated clothing.

Take off contaminated clothing.

In case of skin irritation, consult a physician.

After contact with skin, wash immediately with plenty of water and soap.

Following eye contact:

Remove contact lenses, if present and easy to do. Continue rinsing.

Protect unharmed eye.

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion:

Never give anything by mouth to an unconscious person or a person with cramps.

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

Self-protection of the first aider:

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor:

Treat symptomatically.

section 5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Foam.

Extinguishing powder.

Carbon dioxide (CO₂).

Sand.

Unsuitable extinguishing media:

Strong water jet.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Do not inhale vapors and fumes.

Co-ordinate fire-fighting measures to the fire surroundings.

Move undamaged containers from immediate hazard area if it can be done safely.

Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

Remove persons to safety.

Use appropriate respiratory protection.

Provide adequate ventilation.

6.2 Environmental precautions

Ensure that waste is collected and contained.

Avoid release to the environment.

Cover drains.

Ensure all waste water is collected and treated via a waste water treatment plant.

Do not allow to enter into soil/subsoil.

Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Contain leaks or spills within cabinets with removable trays.

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

Treat the recovered material as prescribed in the section on waste disposal.

Collect in closed and suitable containers for disposal.

Clean contaminated objects and areas thoroughly observing environmental regulations.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Wipe up with absorbent material (eg. cloth, fleece).

6.4 **Reference to other sections**

Safe handling: see section 7.

Disposal: see section 13.

Personal protection equipment: see section 8.

Additional information

Not available.

section 7 **Handling and Storage**

7.1 **Precautions for safe handling**

PROTECTIVE MEASURES:

Wear personal protective clothing (see section 8).

Sewers and ducts must be protected against the entry of the product.

Provide for retaining containers, eg. floor pan without outflow.

Use only in well-ventilated areas.

Vapours/aerosols should be exhausted directly at the point of origin.

Avoid breathing gas/fumes/vapour/spray.

Provide adequate ventilation as well as local exhaustion at critical locations.

Advices on general occupational hygiene:

Wash hands before breaks and after work.

Wash contaminated clothing before reuse.

Remove contaminated, saturated clothing immediately.

In the immediate working surroundings there must be:

Provide eye shower and label its location conspicuously.

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

Keep container tightly closed in a dry, cool, and well-ventilated place.

Keep container in upright position in order to prevent leakage.

Store at 15-25°C.

Store away from direct sunlight.

Requirements for storage rooms and vessels:

Use isolated drainage to prevent discharge to soil.

Ensure adequate ventilation of the storage area.

Advice on joint storage:

Keep away from food, drink and animal feedingstuffs.

7.3 **Specific end uses**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

section 8 Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits:

Substance	Value	Unit	Type
propane-1,2-diol CAS: 57-55-6 (GB)	150	ppm	Exposure limit (8 hours)
propane-1,2-diol CAS: 57-55-6 (GB)	474	mg/m ³	Exposure limit (8 hours)

Biological limit values:

Not available

Exposure limits at intended use:

Not available

Remark:

Not available

8.2 Exposure controls

Appropriate engineering controls:

Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, such as personal protective equipment:



Eye/face protection

: **Suitable eye protection:**
Wear eye protection equipment.

Skin protection

: **Hand protection:**
Suitable gloves type:
Wear protective gloves.
Body protection:
Suitable protective clothing:
Lab coat.

Respiratory protection

: **Respiratory protection necessary at:**
None required.

Environmental exposure controls:

Not available

Consumer exposure controls:

Not available.

Additional information

Not available.

section 9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Not available
Odour	: Characteristic
pH	: 6.5
Melting point/freezing point	: Not available

Initial boiling point and boiling range	:	Not available
Flash point	:	Not available
Flammability	:	Not available
Upper/lower flammability or explosive limits	:	Not available
Vapour pressure	:	Not available
Vapour density	:	Not available
Relative density	:	Not available
Solubility(ies)	:	Soluble
Partition coefficient n-octanol/water (log value)	:	Not applicable
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Dynamic viscosity	:	<10000cps
Kinematic viscosity	:	Not available
Oxidising properties	:	Not available
Solubility in other Solvents	:	Not available
Particle characteristics	:	Not applicable

9.2 Other safety information

Information concerning to the classes of physical hazards

Not available

Other security characteristics

Not available

section 10 Stability and Reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

Additional information

Not available.

section 11 Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

The product is not classified.

Substances:

Not available

Acute dermal toxicity:

The product is not classified.

Substances:

Not available

Acute inhalation toxicity:

The product is not classified.

Substances:

Not available

Skin corrosion/irritation:

The product is not classified.

Substances:

Not available

Serious eye damage/irritation:

The product is classified Eye Dam. 1 according to the referenced regulation.

Causes serious eye damage.

Substances:

Not available

Skin sensitisation:

The product is not classified.

Substances:

Not available

Specific target organ toxicity (repeated exposure):

The product is not classified.

Substances:

Not available

Specific target organ toxicity (single exposure):

The product is not classified.

Substances:

Not available

Carcinogenicity:

The product is not classified.

Substances:

Not available

Reproductive toxicity:

The product is not classified.

Substances:

Not available

Germ cell mutagenicity:

The product is not classified.

Substances:

Not available

Sensitisation to the respiratory tract:

The product is not classified.

Substances:

Not available

Additional information:

Not available

11.2 Information on other hazards

Endocrine disrupting properties:

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

section 12 Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Substances:

Not available

12.2 Persistence and degradability

The product has not been tested.

Substances:

Not available

12.3 Bioaccumulative potential

The product has not been tested.

Substances:

Not available

12.4 Mobility in soil

The product has not been tested.

Substances:

Not available

12.5 Results of PBT and vPvB assessment

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

12.6 Endocrine disrupting properties

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

12.7 Other adverse effects

No data available.

Additional ecotoxicological information

Not available.

section 13 Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal:

Waste codes/waste designations according to EWC/AVV:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste treatment options:

Appropriate disposal/Product:

Waste requiring special supervision.

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

Appropriate disposal/Package:

Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

Handle contaminated packages in the same way as the substance itself.

Dispose of waste according to applicable legislation.

Remark:

For recycling, contact manufacturer.

Consult the appropriate authorities about waste disposal.

Concerning the waste it has to be checked, whether a transport authorisation is required.
Collect the waste separately.
Do not mix with other wastes.
The waste is to be kept separate from other types of waste until its disposal.

Additional information

Not available

section 14 Transport information

14.1 UN number

Not available

14.2 UN proper shipping name

Not available

14.3 Transport hazard class(es)

Not available

14.4 Packing group

Not available

14.5 Environmental hazards

Not available

14.6 Special precautions for user

Not available

14.7 Bulk shipping according to IMO instruments

Not available

Additional information

Not available

section 15 Regulatory information

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

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

EU legislation:

CLP: Harmonised classification and labelling of hazardous substances (Annex VI, table 3.1)_ATP 17:

Substance	CAS	EC
citric acid	77-92-9	201-069-1

National regulations:

Cosmetic Ingredient Hotlist:

Substance	CAS	EC
citric acid	77-92-9	201-069-1
2-methyl-2H-isothiazol-3-one	2682-20-4	220-239-6

Occupational Exposure Limit Values (long term) - Canada (Ontario):

Substance	CAS	EC
propane-1,2-diol	57-55-6	200-338-0

Occupational Exposure Limit Values (long term) - Ireland:

Substance	CAS	EC
propane-1,2-diol	57-55-6	200-338-0

Occupational Exposure Limit Values (long term) - NZ:

Substance	CAS	EC
propane-1,2-diol	57-55-6	200-338-0

Occupational Exposure Limit Values (long term) - United Kingdom:

Substance	CAS	EC
propane-1,2-diol	57-55-6	200-338-0

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Additional information

Not available

16 Other information

Indication of changes

Periodic review, CLP update.

Abbreviations and acronyms

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

Key literature references and sources for data

No data available.

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008. Complies with ATP 18, Regulation (EU) n°2022/692.

Relevant R-, H- and EUH-phrases (Number and full text)

H301	Acute Tox. 3 ORAL	Toxic if swallowed.
H311	Acute Tox. 3 DERMAL	Toxic in contact with skin.
H314	Skin Corr. 1B	Causes severe skin burns and eye damage
H315	Skin Irrit. 2	Causes skin irritation.
H317	Skin Sens. 1A	May cause an allergic skin reaction.
H318	Eye Dam. 1	Causes serious eye damage
H319	Eye Irrit. 2	Causes serious eye irritation
H330	Acute Tox. 2 INHALATION	Fatal if inhaled.
H335	STOT SE 3 H335	May cause respiratory irritation
H400	Aquatic Acute 1	Very toxic to aquatic life.
H410	Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects.

H411 Aquatic Chronic 2
H412 Aquatic Chronic 3

Toxic to aquatic life with long lasting effects.
Harmful to aquatic life with long lasting effects

Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

Additional information

Creation date: 22/07/2024

Version date: 05/08/2025

Printing date: 05/08/2025

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.

