



SAFETY DATA SHEET

GLASS CLEAN

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Compilation date: 25/8/04

Revision No: 2

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

1.1. Product identifier

Product name: GLASS CLEAN

Product code: C906

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

Use of substance / mixture: A high quality liquid to clean glass.

1.3. Details of the supplier of the safety data sheet

Company name: Confederate Chemicals Ltd

Mochdre Industrial Estate

Newtown

Powys

SY16 4LE

Tel: 01686 627158

Email: lab@confederatechemicals.co.uk

1.4. Emergency telephone number

Emergency tel: 01686 627158

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: -: R10; O: R7

Classification under CLP: Flam. Liq. 3: H226; Org. Perox. EF: H242

Most important adverse effects: Flammable. May cause fire.

2.2. Label elements

Label elements:

Hazard statements: H226: Flammable liquid and vapour.

H242: Heating may cause a fire.

Signal words: Danger

Hazard pictograms: GHS02: Flame



Precautionary statements: P233: Keep container tightly closed.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition

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sources. No smoking.

P262: Do not get in eyes, on skin, or on clothing.

Label elements under CHIP:

Hazard symbols: Flammable.

Risk phrases: R10: Flammable.

R7: May cause fire.

Safety phrases: S16: Keep away from sources of ignition - No smoking.

S17: Keep away from combustible material.

S24: Avoid contact with skin.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BUTYL GLYCOL

EINECS	CAS	CHIP Classification	CLP Classification	Percent
203-905-0	111-76-2	Xn: R20/21/22; Xi: R36/38	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H312; Acute Tox. 4: H332	1-10%

PROPAN-2-OL

200-661-7	67-63-0	F: R11; Xi: R36; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
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Contains: Isopropanol

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure

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the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. Corneal burns may occur.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea. There may be loss of consciousness. Convulsions may occur.

Inhalation: Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. There may be loss of consciousness. Convulsions may occur.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. 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: Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Mix with sand or vermiculite. Neutralise with dilute hydrochloric acid. Use industrial vacuum cleaner to remove material. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

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

Section 7: Handling and storage

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7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.
Smoking is forbidden.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. 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: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Wear gloves if prolonged contact with the skin is envisaged.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale blue

Odour: Characteristic alcohol.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Flash point°C: <65°C

Vapour pressure: Slight

Relative density: 0.985 - 0.995

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Oxidising agents.

10.6. Hazardous decomposition products

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

BUTYL GLYCOL

ORL	RAT	LD50	470	mg/kg
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PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. Corneal burns may occur.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea. There may be loss of consciousness. Convulsions may occur.

Inhalation: Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. There may be loss of consciousness. Convulsions may occur.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

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12.2. Persistence and degradability

Persistence and degradability: This product contains surfactants considered by our suppliers to be >80% biodegradable when tested by the OECD screening test which satisfies EEC directives 82/242 and/or 82/243.

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility: Soluble in water.

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: Contains no substance classified as Dangerous for the Environment in the Chemicals (Hazard Information and Packaging) Regulations 2002, or subsequent amendments.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations.

Disposal of packaging: All residues must be removed from packaging prior to disposal as controlled waste.

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

Section 14: Transport information

14.1. UN number

UN number: UN1987

14.2. UN proper shipping name

Shipping name: ALCOHOLS, N.O.S.
(PROPAN-2-OL)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

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Transport category: 3

Section 15: Regulatory information

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

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: Refer to the Manual Handling Operations Regulations 1992.

Store in accordance with HSE Guidance Note CS17.

Read in conjunction with the Technical Data sheet concerning use of the product.

NOTE: Alterations have been made in Section 14 in revision 2.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H242: Heating may cause a fire.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

R7: May cause fire.

R10: Flammable.

R11: Highly flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

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. This Safety Data Sheet and the formulation behind it are the property of Confederate Chemicals GRP Ltd and are used under licence by Confederate Chemicals Ltd.