

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

1.1. Product identifier

Product name: CACTUS GLASS CLEANER- READY TO USE

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

Main use of category: Professional use

Industrial/Professional use: For Professional use

Use of substance / mixture: Glass, Mirror, Stainless Steel Cleaner

1.3. Details of the supplier of the safety data sheet

Supplier of Safety Data Sheet: Simuli

Unit J, Broxtowe Park Business Centre

Calverton Drive, Nottingham, NG8 6QP, UK

Phone +44(0)1156781546

United Kingdom

Email: sds@simuli.net

1.4. Emergency telephone number

Emergency Tel: +44 (0)1156781546

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Physical hazards Flam. Liq. 3 - H226

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Label elements:

Hazard statements:

H226 Flammable liquid and vapour



GHS05: Flammable

Signal words: Warning

Contains: PROPAN-2-OL

Precautionary statements:

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

P233 Keep container tightly closed.

P301 IF SWALLOWED.

P313 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 local regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Including - Endocrine disrupting properties: None known.

Section 3: Composition/information on ingredients

3.1 Substances/Mixtures

Name	Product Identifier	%	"Classification according to Regulation (EC) No. 1272/2008 [CLP]"
Propan-2-ol	CAS number: 67-63-0 EC number: 200-661-7	2-5	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336
2-Butoxyethanol	CAS number: 111-76-2 EC number: 203-905-0	1-5	Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water

Eye contact: Bathe the eye with running water for 15 minutes. Seek medical attention if irritation persists after washing.

Ingestion: Do not induce vomiting. Wash out mouth with water. If any discomfort occurs, seek medical attention.

Inhalation: If spray/mist has been inhaled, move affected person to fresh air and keep comfortable for breathing.

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

Inhalation: No specific symptoms known.

Skin contact: No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin. Do not use with irritated and/or damaged skin.

Eye contact: No specific symptoms known. Prolonged contact may cause redness and/or tearing.

Ingestion: No specific symptoms known, however may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Inhalation: None expected under normal use.

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

Treat symptomatically

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon Dioxide. Dry powders. Foam

5.2. Special hazards arising from the substance or mixture

Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours. May explode when heated or when exposed to flames or sparks.

5.3. Advice for fire-fighters

Keep containers cool by spraying with water to reduce explosion risks. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

No smoking, sparks, flames or other sources of ignition near spillage.

6.1.1 For non-emergency personnel

Emergency Procedures: Evacuate unnecessary personnel.

6.2.2 For emergency responders

Protective Equipment: Use Personal Protective Equipment as required.

6.2. Environmental precautions

Avoid release to the environment. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

For further information refer to section 8.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Eliminate all sources of ignition. Ensure there is sufficient ventilation of the area when handling large amounts.

Hygiene measures: Do not eat, drink or smoke whilst using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Does not require any specific or particular technical measures.

Storage conditions: Keep away from heat, sparks and open flames. Keep container closed when not in use.

Incompatible products: Oxidizing agent. Strong acids. Strong bases.

Special rules on packaging: Keep only in original container.

7.3. Specific end use(s)

Identified uses detailed in section 1.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m³

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m³

WEL = Workplace Exposure Limit. Sk = Can be absorbed through skin

8.2. Exposure controls

8.2.1. Appropriate engineering controls

This product must not be handled in confined spaces without adequate ventilation.

8.2.2. Personal protection equipment

None required

8.2.2.2. Skin protection

Skin and body protection: Not required for normal conditions of use.

Hand protection: Non required.

Materials for protective clothing: Not required for normal conditions of use

8.2.2.3. Respiratory protection

Respiratory protection: Not required for normal conditions of use.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Pink Liquid

Colour: Pinkish

Odour: Faintly Alcoholic
 pH: 9-10
 Boiling point: ≥ 100 °C
 Freezing point: No data available
 Decomposition temperature: No data available
 Vapour pressure: No data available
 Relative density: 0.99
 Solubility: Soluble in water
 Oxidising properties: No data available

9.2. Other information

No additional information available

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable and unreactive under recommended usage, storage, or transport conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use

10.4. Conditions to avoid

Heat, flames and sources of ignition (see section 7).

10.5. Incompatible materials

None under normal use.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced

Section 11: Toxicological information

11.1. Information on toxicological effects

Other health effects Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

Acute toxicity –

oral Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 129,988.3

Acute toxicity - dermal**Notes (dermal LD₅₀)** Based on available data the classification criteria are not met.**ATE dermal (mg/kg)** 100,090.99**Acute toxicity - inhalation****Notes (inhalation LC₅₀)** Based on available data the classification criteria are not met.**ATE inhalation (vapours mg/l)** 1,009.91

Section 12: Ecological information

12.1. Toxicity

Not regarded as dangerous for the environment.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

No additional information available

Section 13: Disposal considerations

13.1. Waste treatment methods

Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

Section 14: Transport information

750ml & 5L As supplied, this product is consigned under the Limited Quantities provisions.

In accordance with ADR / IMDG / IATA

14.1. UN number

UN-No. (ADR/RID): 1987

UN-No. (IMDG): 1987

UN-No. (ICAO): 1987

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ALCOHOLS, N.O.S. (isopropanol)
 Proper shipping name (IMDG) ALCOHOLS, N.O.S. (isopropanol)
 Proper shipping name (ICAO) ALCOHOLS, N.O.S. (isopropanol)

14.3. Transport hazard class(es)

ADR/RID class : Class 3 Flammable Liquids

ADR/RID label 3

IMDG Class 3 Flammable Liquids
 ICAO class/division Class 3 Flammable Liquids

Transport label



14.4. Packing group

ADR/RID packing group III
 IMDG packing group III
 ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

EmS F-E, S-D
 Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

IBC code: Not applicable.

Section 15: Regulatory information

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

15.1.1. EU-Regulations

Safety Data Sheet prepared in accordance with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 2015/830, 453/2010 & 1907/2006)." and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.". The product is as classified under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020.". Ingredients are listed with

classification under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020."

15.1.2. National regulations

"United Kingdom British National Regulations: Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008. Detergent Regulation (648/2004/EC)."

15.2. Chemical Safety Assessment

No additional information available

Section 16: Other information

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

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.

Safety Data Sheet (SDS), EU This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product