



SAFETY DATA SHEET

Clarion - Bear Car Care

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

1.1. Product identifier

Product name Clarity - Bear Car Care

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

Identified uses Glass cleaner.

Uses advised against This product is not recommended for any other purpose than stated above.

1.3. Details of the supplier of the safety data sheet

Supplier Bear Car Care
Unit 10 Saracen Way
Peterborough
PE1 5WS
07544728575
ash@bearcarcare.co.uk

1.4. Emergency telephone number

Emergency telephone As Above - Opening Hours 9 am - 4 pm (Monday - Friday)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 2 - H225

Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R36. F;R11. R67.

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Clarity - Bear Car Care

Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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Contains Isopropyl Alcohol

Supplementary precautionary statements	<p>P240 Ground and bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use non-sparking tools.</p> <p>P243 Take action to prevent static discharges.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p>
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2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

propan-2-ol		30-60%
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457553-25
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F;R11 Xi;R36 R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Immediately remove any clothing soiled by the product.
Inhalation	Supply fresh air; consult doctor in case of complaints.
Ingestion	DO NOT induce vomiting. Get medical attention immediately.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Seek medical attention if irritation or symptoms persist.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Clarity - Bear Car Care

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

Difficulty in breathing. Headache. Coughing, chest tightness, feeling of chest pressure.
Nausea, vomiting.

Ingestion May cause stomach pain or vomiting. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.

Skin contact Prolonged contact may cause redness, irritation and dry skin.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Water spray. Alcohol-resistant foam. Carbon dioxide or dry powder.

Unsuitable extinguishing media Water with full jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards Fire creates: Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting Control run-off water by containing and keeping it out of sewers and watercourses. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Remove all sources of ignition. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses. If substance has entered a water course or sewer or contaminated soil or vegetation, advise the appropriate authorities.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material. Do not use sawdust or other combustible material. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Clarity - Bear Car Care

Usage precautions Container must be kept tightly closed when not in use. Ensure adequate ventilation of the working area. Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Protect from heat.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Avoid contact with oxidising agents. Avoid acids. Keep container tightly closed. Avoid direct sunlight. Do not store near heat sources or expose to high temperatures.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

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

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Eye/face protection

Wear tightly sealed goggles

Hand protection

Impermeable material. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. It is recommended that gloves are made of the following material: Nitrile rubber.

Hygiene measures

Based on and limited to our experience of this product, the following special advice is believed to provide satisfactory protection for the industrial user or handler. The choice of suitable protective equipment depends on work conditions and what methods are used for handling the substance. This advice is not a substitute for each Company conducting their own Risk/COSHH Assessments, but is provided as general guidance. Do not smoke in the work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use barrier cream to prevent drying of skin. Eating, smoking and water fountains prohibited in immediate work area.

Respiratory protection

Use suitable respiratory protective device in case of insufficient ventilation. In confined or poorly ventilated areas suitable respiratory protection should be used if exposed to high levels of spray or mist.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Purple.

Odour Solvent.

Clarity - Bear Car Care

Flash point	< 21°C
Relative density	~ 0.9
Solubility(ies)	Soluble in water.

9.2. Other information

Other information	No relevant information available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No specific data available from our supplier currently.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	May react with strong oxidising agents and strong acids.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid	Alkalis and Peroxides Strong acids.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon monoxide (CO), Carbon dioxide (CO ₂).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Route of exposure	Inhalation Ingestion. Skin and/or eye contact Refer to Section 4 of SDS for routes of exposure and corresponding symptoms.
Target organs	Respiratory system, lungs
Medical symptoms	Irritation of eyes and mucous membranes. Skin irritation.
Medical considerations	Skin disorders and allergies.

Toxicological information on ingredients.

propan-2-ol

Toxicological effects	Acute toxicity: Oral LD50 5840 mg/kg (rat) Dermal LD50 >5000 mg/kg (rat) Dermal LD50 >2000 mg/kg (rabbit) Inhalative LC50 (6u) >10000 ppm (rabbit) Inhalative LC50/4 h >20mg/l (rat)
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Carcinogenicity

IARC carcinogenicity	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
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Skin contact	No irritant effect.
Eye contact	Irritating effect.
Route of exposure	Inhalation Ingestion. Skin and/or eye contact

SECTION 12: Ecological information

12.1. Toxicity

Ecological information on ingredients.

propan-2-ol

Toxicity	EC50 (48u) >100 mg/l (daphnia magna) EC50 (72u) >100mg/l (Scenedesmus subspicatus) EC50 (96u) >1000mg/l (Scenedesmus subspicatus) (OECD 201) LC50 (48u) >100mg/l (Leuciscus idus) LC50 (96u) >9640mg/l (Pimephales promelas) (OECD 203)
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12.2. Persistence and degradability

Ecological information on ingredients.

propan-2-ol

Persistence and degradability	No further relevant information available.
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12.3. Bioaccumulative potential

Ecological information on ingredients.

propan-2-ol

Bioaccumulative potential	Not worth-mentioning accumulating in organisms BCF >70% (!)
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12.4. Mobility in soil

Ecological information on ingredients.

propan-2-ol

Mobility	No further relevant information available.
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12.5. Results of PBT and vPvB assessment

Ecological information on ingredients.

propan-2-ol

Results of PBT and vPvB assessment	Not applicable
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12.6. Other adverse effects

Ecological information on ingredients.

propan-2-ol

Other adverse effects	Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water. Do not allow product to reach ground water, water course or sewage system.
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SECTION 13: Disposal considerations

Clarity - Bear Car Care

13.1. Waste treatment

methods General information The packaging must be empty (drop-free when inverted).

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging: Recover and reclaim or recycle. If practical.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1993

UN No. (IMDG) 1993

UN No. (ICAO) 1993

UN No. (ADN) 1993

14.2. UN proper shipping name

Proper shipping name (ADR/RID) FLAMMABLE LIQUID N.O.S. CONTAINS ISOPROPYL ALCOHOL

Proper shipping name (IMDG) FLAMMABLE LIQUID N.O.S. CONTAINS ISOPROPYL ALCOHOL

Proper shipping name (ICAO) FLAMMABLE LIQUID N.O.S. CONTAINS ISOPROPYL ALCOHOL

Proper shipping name (ADN) FLAMMABLE LIQUID N.O.S. CONTAINS ISOPROPYL ALCOHOL

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

Transport labels



14.4. Packing group

ADR/RID packing group II

IMDG packing group II

ICAO packing group II

ADN packing group II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-E, S-E

Clarity - Bear Car Care

ADR transport category 2
 Emergency Action Code +3YE
 Hazard Identification Number 33
 (ADR/RID)
 Tunnel restriction code (D/E)

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

Code Not applicable

SECTION 15: Regulatory information

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

National regulations Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

EU legislation Dangerous Preparations Directive 1999/45/EC.
 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).
 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).

Guidance Workplace Exposure Limits EH40.
 Approved Classification and Labelling Guide (Sixth edition) L131.
 Safety Data Sheets for Substances and Preparations.

Health and environmental listings Regulation (EC) 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information PLEASE NOTE: The risk phrases itemised below are those relating to concentrated forms of the raw materials used in this product and are not necessarily applicable to the finished item. Please see Section 2 for the current classification of this product.

Revision date 24/09/2018

Revision 1

Risk phrases in full R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full H225 Highly flammable liquid and vapour.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.

The information provided in this document is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties, accuracy, reliability or completeness. In no event we will be responsible for damages or effects of any nature whatsoever, either express or implied, resulting from the use of this information. It is the own responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application by carrying out a full risk assessment of their specific processes and systems of work. All information contained within this document is for the product in its undiluted state and relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated.