

ASSURED GLASS CLEANER

Hazard pictograms



Hazard statements

H226	Flammable liquid and vapour.
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Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P501	Dispose of container/contents in accordance with local regulation.
P102	Keep out of reach of children.

EUH-phrases : None

2.3 - Other hazards

PBT substances

vPvB substances

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

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No.	%	Class(es)	Information on the substance
propan-2-ol (isopropyl alcohol, isopropanol)	CAS No. : 67-63-0 Index No. : 603-117-00-0 EC No. : 200-661-7 REACH No. : 01-2119457558-25-xxxx	> 7 - < 10	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 - H336	(a) (b)

(a) Substance contributing to the classification

(b) Substance with exposure limite value

- The ingredients are present in non-hazardous to health concentrations.

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation

- Unlikely route of exposure as the product does not contain volatile substances.
If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Following skin contact

- Wash with plenty of water.

After eye contact

- Rinse immediately with plenty of water.
- Get medical attention if irritation persists after washing.

After ingestion

- Do NOT induce vomiting.

ASSURED GLASS CLEANER

- Give plenty of water to drink. Get medical attention if any discomfort continues.

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

Symptoms and effects -
Following inhalation - No specific symptoms known.

Symptoms and effects -
Following skin contact - No specific symptoms known.

- But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.

Symptoms and effects - After
eye contact - No specific symptoms known.

- Prolonged contact may cause redness and/or tearing.

Symptoms and effects - After
ingestion - No specific symptoms known.

- But - May cause discomfort if swallowed.

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

- General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media - Flammable - Extinguish with the following media: Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2 - Special hazards arising from the substance or mixture

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 firefighters

- Keep containers cool by spraying with water to reduce explosion risks.
- Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - No smoking, sparks, flames or other sources of ignition near spillage.
- No specific protective clothing.
- See section 8.2

6.2 - Environmental precautions

- 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

ASSURED GLASS CLEANER

<u>Methods and material for cleaning up</u>	<ul style="list-style-type: none">- Small Spillages: Flush away spillage with plenty of water to drain.- 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.
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6.4 - Reference to other sections

- Disposal: See section 13
- Personal protection equipment: see section 8
- Safe handling: See section 7

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

- | | |
|-----------------------|--|
| <u>Recommendation</u> | <ul style="list-style-type: none">- Keep away from sources of ignition - No smoking. |
|-----------------------|--|

7.2 - Conditions for safe storage, including any incompatibilities

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep/store only in original container.
- Keep container tightly closed in a cool, well-ventilated place.
- Store away from the following materials:
- Oxidising materials.

7.3 - Specific end use(s)

- See section 1.2 of the SDS.
- See Product Information Sheet and Label for detailed use of this product.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

propan-2-ol {isopropyl alcohol, isopropanol} (67-63-0)	
TWA EH40 ppm (UK)	400 ppm
TWA EH40 mg/m ³ (UK)	999 mg/m ³
STEL EH40 ppm (UK)	500 ppm
STEL EH40 mg/m ³ (UK)	1250 mg/m ³

8.2 - Exposure controls

<u>Appropriate engineering controls</u>	<ul style="list-style-type: none">- This product must not be handled in a confined space without adequate ventilation.
<u>Individual protection measures, such as personal protective equipment</u>	<ul style="list-style-type: none">- No specific hand protection required, but for prolonged or repeated skin contact use it is recommended to wear suitable gloves.- No specific protection required during normal use.- Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

ASSURED GLASS CLEANER

<u>Physical state</u>	Liquid	<u>Appearance</u>	Thin liquid
<u>Colour</u>	blue	<u>Odour</u>	characteristic
Odour threshold	No data available		
pH	@5% >9.5 - <10.5		
Melting point	0 °C		
Freezing point	No data available		
Boiling point	Not available		
Flash point	40 °C Measured using test method: Pensky Martens closed cup		
Evaporation rate	No data available		
flammability	Not applicable		
Lower explosion limit	Not applicable		
Upper explosion limit	Not applicable		
Vapour pressure	No data available		
Vapour density	No data available		
Relative density	0.992		
Density	No data available		
Solubility (Water)	Soluble		
Solubility (Ethanol)	No data available		
Solubility (Acetone)	No data available		
Solubility (Organic solvents)	No data available		
Log KOC	Not applicable Partition coefficient n-octanol/water (Log value)		
Auto-ignition temperature	Not applicable		
Decomposition temperature	No data available		
Kinematic viscosity	No data available		
Dynamic viscosity	<20 cP centipoise		

Particle characteristics

Particle size	Not applicable
Dustiness	Not applicable
Specific surface area	Not applicable
Shape	Not applicable

9.2 - Other information

VOC content	9.5 %
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

ASSURED GLASS CLEANER

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

- None known.

11.2.1 Endocrine disrupting properties - None known.

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	Not applicable
LC50 96 hr fish	Not applicable
ErC50 algae	Not applicable
ErC50 other aquatic plants	Not applicable
NOEC chronic fish	Not applicable
NOEC chronic crustacea	Not applicable
NOEC chronic algae	Not applicable
NOEC chronic other aquatic plants	Not applicable

- No Aquatic testing carried out, therefore no Aquatic Toxicity Data available specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

- Not classified as dangerous for the environment.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations No 648/2004 (as amended). and UK Regulation: SI 2020 No. 1617 "The Detergents (Amendment) (EU Exit) Regulations 2020".

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	Not applicable Partition coefficient n-octanol/water (Log value)

- There is no bioaccumulating substance in the product.

12.4 - Mobility in soil

- No data available.

ASSURED GLASS CLEANER

12.5 - Results of PBT and vPvB assessment

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

12.6 - Endocrine disrupting properties

- This product does not contain any substances that are identified as having endocrine disrupting properties.

12.7 - Other adverse effects

- None

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods : Discharge used solutions to drain. 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. Rinse out empty container with water and consign to normal waste.

SECTION 14: Transport information

14.1 - UN number or ID number

UN number (ADR) : UN1993

UN number (RID) : UN1993

UN number (IMDG) : UN1993

14.2 - UN proper shipping name

UN proper shipping name (ADR) : FLAMMABLE LIQUID, N.O.S. (propan-2-ol {isopropyl alcohol, isopropanol})

UN proper shipping name (RID) : FLAMMABLE LIQUID, N.O.S. (propan-2-ol {isopropyl alcohol, isopropanol})

UN proper shipping name (IMDG) : FLAMMABLE LIQUID, N.O.S. (propan-2-ol {isopropyl alcohol, isopropanol})

14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 3

ADR Classification code: : F1

Pictograms



3

Transport hazard class(es) (RID) : 3

Pictograms



3

ASSURED GLASS CLEANER

Transport hazard class(es) : 3
(IMDG)

Pictograms



3

14.4 - Packing group

Packing group : III
Packing group (RID) : III
Packing group (IMDG) : III

14.5 - Environmental hazards

Environmental hazards : No
Marine pollutant : No

14.6 - Special precautions for user

ADR

ADR Classification code : F1
ADR Special provisions : 274+601
ADR Limited quantity (LQ) : 5L
ADR Excepted quantities : E1
ADR Packing instructions : P001 IBC03 LP01 R001
ADR Special packing provisions :
ADR Mixed packing provisions : MP19
Instructions for portable tanks and bulk containers : T4
Special provisions for portable tanks and bulk containers : TP1 TP29
ADR tank code : LGBF
ADR tanks special provisions :
Vehicle for tank carriage : FL
ADR Transport category : 3
ADR Tunnel restriction code : D/E
ADR Special provisions loading, unloading and handling :
Special provisions - Packages : V12
Special provisions - Bulk :
Special provisions - Operation : S2
ADR Hazard identification number (Kemler No.) : 30

RID

Special provisions :
Limited quantity (LQ) :
Excepted quantities :

ASSURED GLASS CLEANER

IMDG

<u>Special provisions</u>	:	223 274 955
<u>Limited quantity (LQ)</u>	:	5 L
<u>Excepted quantities</u>	:	E1
<u>Packing instructions</u>	:	LP01 P001
<u>Special packing provisions</u>	:	
<u>IBC instruction(s)</u>	:	IBC03
<u>IBC provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	T4
<u>Special provisions for portable tanks and bulk containers</u>	:	TP1 TP29
<u>EmS codes</u>	:	F-E, S-E
<u>Stowage and handling</u>	:	Category A
<u>Segregation</u>	:	
<u>Properties and observations</u>	:	

14.7 - Maritime transport in bulk according to IMO instruments

- Not relevant for a packaged product.

SECTION 15: Regulatory information

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	None
<u>VOC content</u>	9.5 %

- 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 Regulation: "SI 2020 No. 1577 - The REACH etc. (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." (which amends SI 2019 No.720).

- The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No chemical safety assessment has been carried out as not applicable as this product is a mixture.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	12/05/2026		New Product.

ASSURED GLASS CLEANER

Abbreviations and acronyms

- ADR: The Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE: Acute Toxicity Estimate.
- LC50: Lethal Concentration to 50 % of a test animals.
- LOEC: Lowest Observed Effect Concentration.
- LD50: Lethal Dose to 50% of a test animals.
- LOEL: Lowest Observed Adverse Effect Level.
- DNEL: Derived no-effect level.
- EC50: Effective concentration of the substance that causes adverse effects in 50% of test animals.
- IATA: International Air Transport Association.
- IMDG: International Maritime Dangerous Goods.
- EC No: European Community number
- NOEC: No Observed Effect Concentration.
- NOEL: No observable effect level.
- CAS No.: Chemical Abstracts Service number.
- ICAO: International Civil Aviation Organization
- PBT: Persistent, Bioaccumulative and Toxic.
- PNEC: Predicted no-effect concentration.
- RID: International Carriage of Dangerous Goods by Rail.
- STEL: Short-term exposure limit
- TWA: Time weighted average
- OEL: Occupational exposure limit.
- vPvB: very Persistent and very Bioaccumulative.

Data sources:

Material Safety Data Sheet, Miscellaneous manufacturers.
CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. ECHA - C&L Inventory database.

Evaluation methods

For Methods used for Classification: See sections 11.1 for Health & 12.1 for Environmental.

Texts of the regulatory sentences

Eye Irrit. 2	Eye irritation - Category 2
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
STOT SE 3	STOT-single exposure - Category 3 (H336)

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