



Easy Window & Glass Cleaner

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name Easy Window & Glass Cleaner
Product code 02016413
UFI code F1AC-T3KC-2RK8-WEXW

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

Identified Use(s) Window and glass cleaner.
Uses Advised Against Use only as stated on the label.

1.3 Details of the supplier of the safety data sheet

Manufacturer
Company Identification Easy Cleaning Solutions Ltd
Address of Manufacturer Brunel Way
Thetford
Norfolk
UK

Postal code IP24 1HF
Telephone: +44 (0)1842 757575
Fax Not known.
E-mail contact@easycleaningco.com
Office hours

Supplier of Safety Data Sheet
Company Identification Easy Cleaning Solutions Ltd
Address of Supplier Suite 110
Lombard Street
East Dublin 2
Ireland

Postal code DO2 HC78
Telephone: +353 15134806
Fax Not known.
E-mail contact@easycleaningco.com
Office hours

1.4 Emergency telephone number

Emergency Phone No. +44 (0)1842 757575 (Available Monday–Friday, 9:00 am–5:00 pm GMT/BST; UK office hours only)
Contact contact@easycleaningco.com
National response centre, NHS Direct +44 111 (24 hours/ 7 days)
NPIC (IE) +353 01 809 2166 (8.00 am – 10:00 pm / 7 days) Public Poisons Information Line
NPIC (IE) +353 01 809 2566 (24 hours) doctors and healthcare professionals only
For NI, please contact your local GP

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Not classified as hazardous for supply.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)
Product Name Easy Window & Glass Cleaner

Hazard Pictogram(s) None.

Signal Word(s) None.

Hazard Statement(s) None.

Precautionary Statement(s) P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.



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P103: Read label before use.
P273: Avoid release to the environment.
P501: Dispose of contents/container in accordance with local regulations.

2.3 Other hazards

Detergents Info: <5% Cationic Surfactants
Disinfectant: Benzalkonium Chloride (0.5g/100g). Also contains: Perfume and Methylisothiazolinone.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	270-325-2	<1	Acute Tox. 4 H302 Skin Corr. 1B H314 Eye Dam. 1 H318 Aquatic Acute 1 H400	GHS05 GHS07 GHS09
ethanol ethyl alcohol	64-17-5	200-578-6	<1	Flam. Liq. 2 H225	GHS02
2-butoxyethanol ethylene glycol monobutyl ether butyl cellosolve	111-76-2	203-905-0	<0.5	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Acute Tox. 4 H332	GHS07
acetic acid ... %	64-19-7	200-580-7	<0.1	Flam. Liq. 3 H226 Skin Corr. 1A H314	GHS02 GHS05

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1			Aquatic Acute 1: 10	Acute Tox. 4 (H302) : 500
2-butoxyethanol ethylene glycol monobutyl ether butyl cellosolve	111-76-2				Acute Tox. 4 (H302) : 1200 (18th ATP) Acute Tox. 4 (H312) : 1100 Acute Tox. 4 (H332) : 3 Vapours (18th ATP)
acetic acid ... %	64-19-7	Skin Corr. 1A	C>= 90.00 <= 100.00		
		Skin Corr. 1B	C>= 25.00 < 90.00		
		Skin Irrit. 2	C>= 10.00 < 25.00		
		Eye Irrit. 2	C>= 10.00 < 25.00		

Contains no non-classified vPvB substances.
For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Allow affected person to breathe fresh air. Allow the victim to rest.



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Skin Contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Eye Contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
Ingestion	Rinse mouth out with water. In all cases of doubt, or when symptoms persist, seek medical attention.
4.2 Most important symptoms and effects, both acute and delayed	None anticipated. Treat symptomatically.
4.3 Indication of any immediate medical attention and special treatment needed	Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.
Unsuitable extinguishing media None.

5.2 Special hazards arising from the substance or mixture

Heating may cause decomposition.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands after working with the substance.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

Household Cleaner

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters



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8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
2-Butoxyethanol	111-76-2	25	123	50	246	Sk, BMGV
Ethanol	64-17-5	1000	1920			
Acetic acid	64-19-7	10	25	20	50	
Methanol	67-56-1	200	266	250	333	Sk

Region
United Kingdom

Source
UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark
Sk
BMGV

Notes
Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.
Biological monitoring guidance values are listed in Table 2.

Biological Exposure Indices						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
2-Butoxyethanol	111-76-2	Post shift	urine	butoxyacetic acid	240 mmol butoxyacetic acid/mol creatinine	

Remark

Notes

8.2 Exposure controls

- 8.2.1. Appropriate engineering controls Ensure adequate ventilation.
- 8.2.2. Personal protection equipment
- Eye Protection Not normally required under normal conditions of use. Avoid contact with eyes.
- Skin protection Not normally required. Avoid contact with skin.
- Respiratory protection Normally no personal respiratory protection is necessary.
- Thermal hazards None known.
- 8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Clear Green Thin Liquid
Odour	Aqua
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	=7.
Kinematic Viscosity	Not known.
Solubility	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Relative density : 0.979-1.019 g/cm ³
Relative vapour density	Not known.
Particle characteristics	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability



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Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Extreme temperatures. Direct sunlight.

10.5 Incompatible materials

Oxidising agents. Strong acids. Strong bases

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Product information

Acute toxicity - Ingestion	Calculation method : Not classified.
Acute toxicity - Skin Contact	Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE – 76923.08
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE –169191.72
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 7333.33
Respiratory sensitization data	Calculation method: Not classified.
Germ cell mutagenicity	Calculation method: Not classified..
Carcinogenicity	Calculation method: Not classified.
Reproductive toxicity	Calculation method: Not classified.
Lactation	Calculation method: Not classified.
STOT - single exposure	Calculation method: Not classified.
STOT - repeated exposure	Calculation method: Not classified.
Aspiration hazard	Calculation method: Not classified.

Component information

Acute toxicity

Product/ingredient name	Oral LD50	Dermal LD50
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	795 mg/kg (Rat, OECD 401)	> 5000 mg/kg (calculated dermal ATE)
Quaternary ammonium compounds, benzyl-c12-14 (even numbered)-alkyldimethyl, chlorides	350 mg/kg (Rat, OECD 401)	2848 mg/kg (Rabbit, EPA OPPTS 870.1200)

Skin corrosion/irritation

Product/ingredient name	Result	Remarks	Species	Methods
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	Corrosive	-	Rabbit	OECD 404

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

Product information

Ecotoxicity Not classified as hazardous to the aquatic environment (CLP Summation method).



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Component information

Substance data where relevant and available are listed below:

Product/ingredient name	Result
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	
	EC ₁₀ / 72 h 0.0025 mg/l (Selenastrum capricornutum, OECD 201)
	EC ₅₀ / 72 h 0.02 mg/l (Selenastrum capricornutum, OECD 201)
	EC ₅₀ / 48 h 0.016 mg/l (Daphnia, REACH Dossier)
	LC ₅₀ / 96 h (static) 0.85 mg/l (Rainbow trout, OECD 203)
	NOEC / 21 d 0.025 mg/l (Daphnia, OECD 211)
	NOEC / 28 d 0.0322 mg/l (Fathead minnow, U.S. EPA FIFRA 72-4, REACH dossier)
Quaternary ammonium compounds, benzyl-c12-14 (even numbered)-alkyldimethyl, chlorides	
	LC ₅₀ / 72 hours 0.049 mg/l (Pseudokirchnerella subcapitata, OECD 201)
	EC ₁₀ / 72 h 0.009 mg/l (Pseudokirchnerella subcapitata, OECD 201)
	EC ₅₀ / 48 h 0.016 mg/l (Daphnia magna, EU Method C.2)
	LC ₅₀ / 48 h 0.32 mg/l (Calanoid copepod (Acartia tonsa), ISO/CD14669)
	LC ₅₀ / 96 h 1.36 mg/l (Cyprinodon variegatus, PARCOM 1995 part B)
	LC ₅₀ / 96 h 0.28 mg/l (Pimephales promelas, EPA TSCA 797.1400)
	IC ₅₀ / 72 h 0.207 mg/l (Diatom (Skeletonema costatum), ISO 10253)
	NOEC / 21 d 0.0042 mg/l (Daphnia, US EPA FIFRA 72-4 b)
	NOEC / 34 d 0.0322 mg/l (Pimephales promelas, US EPA FIFRA 72-4 (a))
	EC ₁₀ / 72 h 0.096 mg/l (Diatom (Skeletonema costatum), ISO 10253)

Toxicity - Aquatic invertebrates
Toxicity - FishNot known.
Not known.



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Toxicity – Microorganisms / Activated Sludge: Product information: No data is available on the mixture. Substance data where relevant and available are listed below.

Component	Result	Evaluation
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	EC ₂₀ /0.5 h = 5 mg/l (OECD 209)	Depending on concentration, toxic effects on activated sludge organisms are possible.

Toxicity - Algae
Toxicity - Sediment Compartment
Toxicity - Terrestrial Compartment

Not known.
Not classified.
Not classified.

12.2 Persistence and degradability

Product information: No data is available on the mixture. Substance data where relevant and available are listed below:

Component	Method	Biodegradation	Exposure time	Guideline	Remarks
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	Rapid degradability of organic substances	>60%	28 d	OECD 301 D Closed-Bottle-Test	The component(s) is (are) rapidly degradable.
	Behaviour in sewage treatment plants	>90%	N/A	OECD 303 A: Activated Sludge Units	The substances are biodegradable/eliminable in activated sludge units.
Quaternary ammonium compounds, benzyl-c12-14 (even numbered)-alkyldimethyl, chlorides	Percent Degradation (Aerobic Biodegradation)	82.6 - 99.5 %	28 d	OECD 301 B	The bioaccumulation potential is expected to be low.

12.3 Bioaccumulative potential

Product information: No data is available on the mixture. Substance data where relevant and available are listed below:

Bioconcentration factor (BCF) / octanol/water partition coefficient (LogKow):

Product/ingredient name	Partition coefficient	BCF
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	2.88 (n-octanol/water)	79 (fish, REACH dossier)

12.4 Mobility in soil

The product is water soluble.

Component information

Adsorption



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Soil/Sediment Sorption – Log Koc

Product/ingredient name	Organic carbon-water partition coefficient (KOC)
Quaternary ammonium compounds, benzyl-c12-14 (even numbered)-alkyldimethyl, chlorides	6.2149

12.5 Results of PBT and vPvB assessment

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

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties.

12.7 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Maritime transport in bulk according to IMO instruments

Not known

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation

Not listed

REACH: ANNEX XIV list of substances

Not listed

subject to authorisation

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Methanol (67-56-1)

Community Rolling Action Plan (CoRAP)

Methanol (67-56-1), 2-(2H-benzotriazol-2-yl)-p-cresol (2440-22-4)

Regulation (EU) N° 2019/1021 of the

Not listed

European Parliament and of the Council on

persistent organic pollutants

Regulation (EC) N° 2024/590 on substances that deplete the ozone layer

Not listed



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Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

Seveso Directive

National regulations

Other

15.2 Chemical Safety Assessment

Not listed

None known.

Not known.

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)

None.

GHS02: GHS: Flame

GHS05: GHS: Corrosion

GHS07: GHS: Exclamation mark

GHS09: GHS: Environment

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2

Flam. Liq. 3 : Flammable liquid, Category 3

Acute Tox. 4 : Acute toxicity, Category 4

Acute Tox. 4 : Acute toxicity, Category 4

Skin Corr. 1A : Skin corrosion/irritation, Category 1A

Skin Corr. 1B : Skin corrosion/irritation, Category 1B

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

Eye Dam. 1 : Serious eye damage/irritation, Category 1

Eye Irrit. 2 : Serious eye damage/irritation, Category 2

Acute Tox. 4 : Acute toxicity, Category 4

Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s)

Acronyms

None.

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration



SAFETY DATA SHEET

Date of Issue:
01-07-2020
Date of Revision:
07-07-2026

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REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for
data used to compile the SDS

Training Advice

Disclaimers

Regulation (EC) No. 1272/2008 (CLP)

Regular safety training as appropriate

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