

Product Glass Buster  
 Revision date 29 August 2018  
 Revision 1



## Safety Data Sheet (SDS)

### Section 1: Identification of the substance/preparation and of the company/undertaking

#### 1.1 Product identifier

**Product name** Glass Buster  
**Synonyms, Trade names** No information available.

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

**Identified uses** Cleaning agent.  
**Uses advised against** Any other purpose.

#### 1.3 Details of the supplier of the safety data sheet

**Supplier** Wes-Chem Products International Ltd.  
 Drumduffy  
 Drumkeeran  
 Co. Leitrim  
 N41 T998  
 Ireland  
 Tel: 071 96 22555  
**Contact person** info@weschem.ie

#### 1.4 Emergency telephone number

**Emergency telephone** Emergency medical information: 8am-10pm (seven days) contact National Poisons Information Centre, Beaumont Hospital, Dublin 9. Tel 01 8092566

### Section 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification (EC 1272/2008)**  
 Physical and chemical hazards Not classified  
 Human health Eye Irrit.2A - H319  
 Environment Not classified

#### 2.2 Label elements

**Contains** Not applicable

**Label in accordance with (EC) no. 1272/2008**



**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.

**Precautionary statements**

#### **Prevention**

P264 Wash hands thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/eye protection/face protection.

#### **Response**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337 + P313 If eye irritation persists: Get medical advice/attention.

**2.3 Other hazards**

None known.

**Section 3: Composition/identification of ingredients****3.1 Substance**

Not applicable.

**3.2 Mixtures**

Name	Product identifier	Reg. EU 1272/2008	%
2-Propanol	CAS-No.: 67-63-0 EC No.: 200-661-7	Flam. Liq 2- H225, Eye Irrit.2A - H319, STOT SE 3 - H336	1-10%
2-butoxyethanol	CAS-No.: 111-76-2 EC No.: 203-905-0	Acute Tox 4 - H302, Acute Tox 4 - H312, Skin Irrit.2 - H315, Eye Irrit.2A - H319, Acute Tox 4 - H332	1-3%

The full text for all hazard statements are displayed in section 16.

**Composition comments**

The data shown are in accordance with the latest EC Directives.

**Section 4: First aid measures****4.1 Description of first aid measures****General information**

As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all burns and eye injuries, regardless how minor they may seem.

**Inhalation**

Seek medical attention if symptoms persist. If this product is inhaled, move the exposed person to fresh air promptly.

**Ingestion**

Immediately rinse mouth and drink plenty of water. Consult a physician for specific advice

**Skin contact**

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation develops.

**Eye contact**

Avoid contaminating unaffected eye. Remove contact lenses if worn. Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention.

**4.2 Most important symptoms and effects, both acute and delayed****General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**

No specific symptoms noted.

**Ingestion**

No specific symptoms noted.

**Skin contact**

There may be mild irritation at the site of contact.

**Eye contact**

Causes serious eye irritation.

**4.3 Indication of any immediate medical attention and special treatment needed****Notes to the physician**

Treat symptomatically.

**Section 5: Fire-fighting measures****5.1 Extinguishing media****Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**

High volume water jet.

**5.2 Special hazards arising from the substance or mixture****Hazardous combustion products**During fire, toxic gases (CO, CO<sub>2</sub>) are formed.**Unusual fire & explosion hazards**

No unusual fire or explosion hazards noted.

**Specific hazards**Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). In the event of damage to packaging, floors may become slippery, avoid falls.

**5.3 Advice for firefighters**

- Special fire fighting procedures** If possible, fight fire from protected position. Avoid breathing fire vapours. Ventilate closed spaces before entering them. Containers close to fire should be removed immediately or cooled with water if safe to do so.
- Protective equipment for firefighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

**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. Provide adequate ventilation. Eliminate all sources of ignition. Avoid inhalation of vapours and contact with skin and eyes. In case of inadequate ventilation, use respiratory protection. Do not touch or walk through spilled material. If necessary evacuate surrounding areas.
- For emergency responders** Follow safe handling advice and personal protective equipment recommendations for normal use of product.

**6.2 Environmental precautions**

- Environmental precautions** Do not discharge onto the ground or into water courses.

**6.3 Methods and material for containment and cleaning up**

- Spill clean up methods** Stop leak if possible without risk. DO NOT touch spilled material! When dealing with a spillage, wear necessary protective equipment. Absorb spillage with non-combustible, inert absorbent material. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Wash thoroughly after dealing with a spillage. Floors may become slippery, avoid falls.

**6.4 Reference to other sections**

- Reference to other sections** See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.

**Section 7: Handling and storage****7.1 Precautions for safe handling**

- Handling** Read and follow manufacturer's recommendations. Use proper personal protection when handling (refer to Section 8). Do not handle broken packages without protective equipment. Do not use contact lenses. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Do not eat, drink or smoke when using the product. Wash thoroughly after handling.

**7.2 Conditions for safe storage, including any incompatibilities**

- Storage precautions** Keep upright, locked up and out of reach of children. Store in tightly closed original container in a dry, cool and well-ventilated place.
- Storage class** Unspecified storage.

**7.3 Specific end use(s)**

- Specific end use(s)** The identified uses for this product are detailed in Section 1.2.
- Usage description** Use only according to directions. Replace and tighten cap after use.

**Section 8: Exposure controls/Personal protection****8.1 Control parameters**

Component	STD	TWA (8 Hrs)	STEL (15mins)	Notes
2-Propanol	OEL	200 ppm	400 ppm	

2-Propanol	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	
2-butoxyethanol	OEL	20 ppm	98 mg/m <sup>3</sup>	50 ppm	246 mg/m <sup>3</sup>	
2-butoxyethanol	WEL	25 ppm	123 mg/m <sup>3</sup>	50 ppm	246 mg/m <sup>3</sup>	

**Ingredient comments**

OEL - Occupational Exposure Limit - Ireland, Occupational Exposure Limits 2016.  
WEL - Workplace Exposure Limits - EH40/2005 Workplace exposure limits.

**8.2 Exposure Controls****Protective equipment****Engineering measures**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**Respiratory equipment**

Respiratory protection not required in normal conditions. Where risk assessment shows air-purifying respirators are appropriate a full face respirator conforming to EN143 should be used, and suitable respirator cartridges as a backup to engineering controls. Use respiratory equipment with gas filter, type A: organic vapours (EN141). Consult manufacturer for specific advice.

**Hand protection**

Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374) is recommended. (EU Directive 89/686/EEC). Gloves must be inspected prior to use. Suggested material: Rubber (natural, latex) Consult manufacturer for advice.

Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

**Eye protection**

Wear safety goggles or face shield to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

**Other protection**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Hygiene measures**

Observe normal hygiene standards. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Wash hands after use.

**Process conditions**

Provide eyewash station.

**Section 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid.
<b>Colour</b>	Pink.
<b>Odour</b>	No information available.
<b>Odour threshold - lower</b>	No information available.
<b>Odour threshold - upper</b>	No information available.
<b>pH-Value, Conc. Solution</b>	No information available.
<b>pH-Value, Diluted solution</b>	No information available.
<b>Melting point</b>	No information available.
<b>Initial boiling point and boiling range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability state</b>	No information available.

<b>Flammability limit - lower(%)</b>	No information available.
<b>Flammability limit - upper(%)</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Vapour density (air=1)</b>	No information available.
<b>Relative density</b>	No information available.
<b>Bulk density</b>	No information available.
<b>Solubility</b>	Soluble in water.
<b>Decomposition temperature</b>	No information available.
<b>Partition coefficient; n- Octanol/Water</b>	No information available.
<b>Auto ignition temperature (°C)</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	Not classified as explosive.
<b>Oxidising properties</b>	No information available.

**9.2 Other information**

<b>Molecular weight</b>	No information available.
<b>Volatile organic compound</b>	No information available.
<b>Other information</b>	None noted.

**Section 10: Stability and reactivity****10.1 Reactivity**

<b>Reactivity</b>	Stable under normal conditions.
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**10.2 Chemical stability**

<b>Stability</b>	Stable under normal temperature conditions and recommended use.
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**10.3 Possibility of hazardous reactions**

<b>Hazardous reactions</b>	None under normal processing.
<b>Hazardous polymerisation</b>	No information available.
<b>Polymerisation description</b>	No information available.

**10.4 Conditions to Avoid**

<b>Conditions to avoid</b>	Heat, sparks, open flames, temperature extremes and direct sunlight.
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**10.5 Incompatible materials**

<b>Materials to avoid</b>	Keep away from acids and oxidants. Do not mix with other chemicals unless listed on directions.
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**10.6 Hazardous decomposition products**

<b>Hazardous decomposition products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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**Section 11: Toxicological information**


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**11.1 Information on toxicological effects**

<b>Toxicological information</b>	No toxicological information for the overall finished product.
<b>Acute toxicity (Oral LD50)</b>	PROPAN-2-OL: 3600 mg/kg, mouse; 5045 mg/kg, rat. 2-BUTOXYETHANOL: 1230 mg/kg, mouse; 470 mg/kg, rat.
<b>Acute toxicity (Dermal LD50)</b>	No information available.
<b>Acute toxicity (Inhalation LD50)</b>	No information available.
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b>Skin corrosion/irritation</b>	No information available.
<b>Respiratory sensitisation</b>	No information available.
<b>Skin sensitisation</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Specific target organ toxicity - Single exposure:</b>	
<b>STOT - Single exposure</b>	No information available.
<b>Specific target organ toxicity - Repeated exposure:</b>	
<b>STOT - Repeated exposure</b>	No information available.
<b>Inhalation</b>	No specific symptoms noted.
<b>Ingestion</b>	No specific symptoms noted.
<b>Skin contact</b>	There may be mild irritation at the site of contact.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Waste management</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
<b>Routes of entry</b>	No information available.
<b>Target organs</b>	Eyes.
<b>Aspiration hazards:</b>	No information available.
<b>Reproductive toxicity:</b>	No information available.

Name	LD50 oral	LD50 dermal	LD50 inhalation
2-Propanol	5045.00mg/kg Rat		
2-butoxyethanol	470.00mg/kg Rat		

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**Section 12: Ecological information**


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**12.1 Toxicity**

<b>Acute toxicity - Fish</b>	No information available.
<b>Acute toxicity - Aquatic invertebrates</b>	No information available.
<b>Acute toxicity - Aquatic plants</b>	No information available.
<b>Acute toxicity - Microorganisms</b>	No information available.
<b>Chronic toxicity - Fish</b>	No information available.
<b>Chronic toxicity - Aquatic invertebrates</b>	No information available.
<b>Chronic toxicity - Aquatic plants</b>	No information available.
<b>Chronic toxicity - Microorganisms</b>	No information available.
<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Eco toxicological information</b>	No ecological toxicity available on the overall finished product.

**12.2 Persistence and degradability**

<b>Degradability</b>	The product is biodegradable.
<b>Biological oxygen demand</b>	No information available.
<b>Chemical oxygen demand</b>	No information available.

**12.3 Bioaccumulative potential**

<b>Bioaccumulative potential</b>	No bioaccumulation potential.
<b>Bioaccumulation factor</b>	No information available.
<b>Partition coefficient; n-Octanol/Water</b>	No information available.

**12.4 Mobility in soil**

<b>Mobility</b>	Soluble in water.
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**12.5 Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** The product does not contain any PBT or vPvB Substances.

**12.6 Other adverse effects**

<b>Other adverse effects</b>	None known.
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**Section 13: Disposal considerations**

<b>Waste management</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
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**13.1 Waste treatment methods**

<b>Disposal methods</b>	Dispose of waste and residues in accordance with local authority requirements.
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**Section 14: Transport information****14.1 UN number**

<b>UN no. (ADR)</b>	Not applicable.
<b>UN no. (IMDG)</b>	Not applicable.
<b>UN no. (IATA)</b>	Not applicable.

**14.2 UN proper shipping name**

<b>ADR proper shipping name</b>	Not applicable.
<b>IMDG proper shipping name</b>	Not applicable.
<b>IATA proper shipping name</b>	Not applicable.

**14.3 Transport hazard class(es)**

<b>ADR class</b>	Not applicable.
<b>IMDG class</b>	Not applicable.
<b>IATA class</b>	Not applicable.

**Transport labels**

**14.4 Packing group**

<b>ADR/RID/ADN packing group</b>	Not applicable.
<b>IMDG packing group</b>	Not applicable.
<b>IATA packing group</b>	Not applicable.

**14.5 Environmental hazards**

<b>ADR</b>	No
<b>IMDG</b>	No
<b>IATA</b>	No

**14.6 Special precautions for user**

<b>EMS</b>	Not applicable.
<b>Emergency action code</b>	Not applicable.
<b>Hazard no. (ADR)</b>	Not applicable.
<b>Tunnel restriction code</b>	Not applicable.

**14.7 Transport in bulk according to annex II of MARPOL73/78 and the IBC code**

Not applicable.

**Section 15: Regulatory information****15.1 Safety, health and environmental regulations/Legislation specific for the substance or mixture**

<b>EU legislation</b>	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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006.
<b>Approved code of practice</b>	Workplace Exposure Limits Guidance Note EH40/2005.  2016 Code of Practice for the Chemical Agents Regulations in accordance with section 60 of the Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005).
<b>Chemical safety assessment</b>	No chemical safety assessment has been carried out.

**Section 16: Other information**

<b>General information</b>	This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.
<b>Revision comments</b>	This is a first issue.
<b>Revision date</b>	29 August 2018
<b>Revision</b>	1
<b>Safety data sheet status</b>	Approved.

**Hazard statements in full**

<b>H225</b>	Highly flammable liquid and vapour.
<b>H319</b>	Causes serious eye irritation.
<b>H336</b>	May cause drowsiness or dizziness.
<b>H302</b>	Harmful if swallowed.
<b>H312</b>	Harmful in contact with skin.
<b>H315</b>	Causes skin irritation.
<b>H332</b>	Harmful if inhaled.

**Disclaimer**

This information 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. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.