

SAFETY DATA SHEET

Green Clear

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Green Clear

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

Identified uses Building chemical.

1.3. Details of the supplier of the safety data sheet

Supplier Aztec Chemicals
 Unit 16, University Way
 Orion Park
 Crewe
 Cheshire
 CW1 6NG
 + 44 (0) 1270 655500 (T)
 + 44 (0) 1270 655501 (F)
 info@aztecchemicals.com

1.4. Emergency telephone number

+44 (0)7831 300868

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R36/38. N;R50.

Human health

The product is irritating to eyes and skin.

Environment

The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

2.2. Label elements

Labelling



Irritant



Dangerous for the environment

Risk Phrases

R36/38	Irritating to eyes and skin.
R50	Very toxic to aquatic organisms.

Safety Phrases

S2	Keep out of the reach of children.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
BPR001	Use biocides safely. Always read the label and product information before use.
S29/35	Do not empty into drains; dispose of this material and its container in a safe way.
S39	Wear eye/face protection.
S23	Do not breathe vapour/spray.
S51	Use only in well-ventilated areas.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S13	Keep away from food, drink and animal feeding stuffs.

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2.3. Other hazards**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

Benzalkonium Chloride Solution 50%		1-5%
CAS-No.: 63449-41-2	EC No.: 264-151-6	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 4 - H302	Xn;R21/22.	
Acute Tox. 4 - H312	C;R34.	
Skin Corr. 1B - H314	N;R50.	
Aquatic Acute 1 - H400		

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****Inhalation**

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

Skin contact

Remove contaminated clothing and flush with plenty of water until pain disappears. If discomfort persists transport to hospital and bring these instructions.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

Coughing, chest tightness, feeling of chest pressure. Irritating to respiratory system.

Ingestion

Nausea, vomiting. May cause nausea, headache, dizziness and intoxication.

Skin contact

Irritating to skin.

Eye contact

Irritating to eyes.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media****Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture**Specific hazards**

In case of fire, toxic gases may be formed (COx, NOx).

5.3. Advice for firefighters**Protective equipment for fire-fighters**

Use air-supplied respirator during fire fighting. Wear full protective clothing.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8. Avoid inhalation of spray mist and contact with skin and eyes. Do not breathe vapour. Do not smoke, use open fire or other sources of ignition. Provide adequate ventilation.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. To prevent release, place container with damaged side up. Do not allow to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Absorb in vermiculite, dry sand or earth and place into containers. Transfer to a container for disposal.

6.4. Reference to other sections

For personal protection, see section 8. Collect and dispose of spillage as indicated in section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs. Avoid frost. Protect from freezing and direct sunlight. Avoid exposure to high temperatures or direct sunlight.

7.3. Specific end use(s)

Building chemical.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

Engineering measures

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

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

Protective gloves should be used if there is a risk of direct contact or splash.

Eye protection

Wear tight-fitting goggles or face shield.

Other Protection

Provide eyewash station.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Personal protection

When using do not smoke

Skin protection

Wear apron or protective clothing in case of contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Blue.
Odour	Characteristic.

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9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid heat.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Vapours may irritate the respiratory system and cause coughing, asthmatic breathing and breathlessness.

Ingestion

May cause discomfort if swallowed. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact

Prolonged and frequent contact may cause redness and irritation.

Eye contact

Irritating and may cause redness and pain. The eyes may water profusely.

Route of entry

Skin and/or eye contact. Inhalation.

Target Organs

Skin Eyes Respiratory system, lungs

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

12.2. Persistence and degradability

Degradability

The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

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12.6. Other adverse effects**SECTION 13: DISPOSAL CONSIDERATIONS****General information**

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number**14.2. UN proper shipping name****14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Uk Regulatory References**

Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. 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.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

15.2. Chemical Safety Assessment**SECTION 16: OTHER INFORMATION**

Revision	1
SDS No.	13025
Safety Data Sheet Status	Approved.
Date	11.03.2015

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Risk Phrases In Full

R34	Causes burns.
R21/22	Harmful in contact with skin and if swallowed.
R36/38	Irritating to eyes and skin.
R50	Very toxic to aquatic organisms.

Hazard Statements In Full

H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H400	Very toxic to aquatic life.

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.