

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Bleach

Revision 3

Revision date 2015-09-22

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

Product name	Bleach
Product code	

1.1. Product identifier

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

Description	No further relevant information available.
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1.3. Details of the supplier of the safety data sheet

Company	Cleaning Supplies 2U Ltd.
Address	Unit 4, Pineapple Park Road One, Winsford Industrial Estate, Winsford, Cheshire CW7 3PR
Web	www.cleaningsupplies2u.co.uk
Telephone	+44 (0) 1606 863637
Fax	
Email	info@cleaningsupplies2u.co.uk

1.4. Emergency telephone number

Emergency telephone number	+44 (0) 1606 863637
Company	Ki-Chem UK Limited T/A Cleaning Supplies 2 U 9am to 5pm

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xi; R36/38 R31 Symbols: Xi: Irritant.
Main hazards	Contact with acids liberates toxic gas. Irritating to eyes and skin.
2.1.2. Classification - EC 1272/2008	Skin Corr. 1B: H314;

2.2. Label elements

Hazard pictograms



Signal Word

Danger

Hazard Statement

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Precautionary Statement: Prevention

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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2.2. Label elements

Precautionary Statement: Response	<p>P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>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>P310 -Immediately call a POISON CENTER/doctor/ .</p> <p>P321 - Specific treatment (see on this label).</p> <p>P363 - Wash contaminated clothing before reuse.</p>
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

2.3. Other hazards

Other hazards	No further hazards known.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sodium hypochlorite, solution...% Cl active	017-011-00-1	7681-52-9	231-668-3		1 - 10%	C; R34 R31 N; R50	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sodium hypochlorite, solution...% Cl active	017-011-00-1	7681-52-9	231-668-3		1 - 10%	Skin Corr. 1B: H314; Aquatic Acute 1: H400;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

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

Eye contact	May cause irritation of the eye.
Skin contact	May cause irritation of the skin.
Ingestion	May cause feelings of nausea and/or vomiting.

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

	Treat symptomatically. If ever unsure, seek medical attention immediately.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Non-combustible.
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5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

For small spills: Dilute with plenty of water and wash to foul drain. For large spills: Absorb with inert, absorbent material. Transfer to suitable labelled containers for disposal.

6.4. Reference to other sections

See section 7 for handling information. See section 8 for personal protection information. See section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Do not breathe gas/fumes/vapour/spray.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Do not store with acids.

7.3. Specific end use(s)

No further relevant information available.

Suitable packaging

Plastic containers.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear suitable protective equipment.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Skin protection - Other

No specific requirements needed.

Respiratory protection

No specific requirements needed.

Thermal hazards

No further relevant information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Yellow
Odour	Chlorine
Odour threshold	No data available
pH	12 - 13
Melting point	No data available
Initial boiling point	>100
Flash point	No data available
Flammability (solid, gas)	Not Applicable
Evaporation rate	No data available
Upper Explosive Limit	No data available
Lower Explosive Limit	No data available
Autoignition temperature	No data available
Explosive properties	No data available
Oxidising properties	No data available
Vapour pressure	No data available
Relative density	1.13
Viscosity	No data available
Vapour density	No data available
Decomposition temperature	No data available
Partition coefficient (n-octanol/water)	No data available

Water solubility

Soluble in water.

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

Product will lose strength over time.

10.3. Possibility of hazardous reactions

Acids. Ammonia.

10.4. Conditions to avoid

Avoid extremes of temperature. Direct sunlight.

10.5. Incompatible materials

Acids, Ammonia.

10.6. Hazardous decomposition products

Chlorine compounds.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	May cause skin irritation.
Serious eye damage/irritation	May cause eye irritation.
Respiratory or skin sensitisation	No sensitising effects known.
Germ cell mutagenicity	No further relevant information available.
Carcinogenicity	No further relevant information available.

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11.1. Information on toxicological effects

Reproductive toxicity	No further relevant information available.
STOT-single exposure	No further relevant information available.
STOT-repeated exposure	No further relevant information available.
Aspiration hazard	No further relevant information available.

11.1.4. Toxicological Information

	No data available
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
	Product will increase the pH of the effluent. (Alkaline).

12.2. Persistence and degradability

	No further relevant information available.
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12.3. Bioaccumulative potential

	No further relevant information available.
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12.4. Mobility in soil

	Soluble in water.
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12.5. Results of PBT and vPvB assessment

	No further relevant information available.
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12.6. Other adverse effects

	No further relevant information available.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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Disposal methods

	Dispose of in compliance with all local and national regulations.
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Disposal of packaging

	Empty containers can be cleaned with water.
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Further information

	Do not empty into drains/sewage system.
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SECTION 14: Transport information

14.1. UN number

	The product is not classified as dangerous for carriage.
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14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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14.4. Packing group

	The product is not classified as dangerous for carriage.
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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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Further information

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

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

Regulations

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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SECTION 16: Other information

Other information

Revision

	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008.
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Text of risk phrases in Section 3

	R31 - Contact with acids liberates toxic gas. R34 - Causes burns. R50 - Very toxic to aquatic organisms.
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Text of Hazard Statements in Section 3

	EUH031 - Contact with acids liberates toxic gas. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life.
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Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.
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