

**Easy Thin Bleach**

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 Thin Bleach
Product code 00004984
UFI Code 4FAH-6EPM-710Y-FWWJ

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

Identified Use(s) Bleach
Uses Advised Against Avoid contact with acids. Only to be used as per the product 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) Skin Corr. 1 :Causes severe skin burns and eye damage.
Skin Irrit. 2: Causes skin irritation.
Eye Dam. 1 :Causes serious eye damage.
Aquatic Chronic 3 :Harmful to aquatic life with long lasting effects.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)
Product Name Easy Thin Bleach
(Contains: Sodium Hypochlorite and Sodium Hydroxide)

**Easy Thin Bleach**

Hazard Pictogram(s)



GHS05

Signal Word(s)

Danger

Hazard Statement(s)

H314: Causes severe skin burns and eye damage.
H412: Harmful to aquatic life with long lasting effects.
EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).

Precautionary Statement(s)

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P273: Avoid release to the environment.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.
P501: Dispose of contents/container in accordance with local, state or national legislation.

2.3 Other hazards

Detergents info: <5% Sodium Hydroxide, <5% chlorine-based bleaching agent.
Disinfectant: Sodium Hypochlorite (1g/100g).

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)
sodium hypochlorite, solution ... % Cl active	7681-52-9	231-668-3	<5	Skin Corr. 1B H314 Eye Dam. 1 H318 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS05 GHS09
sodium hydroxide caustic soda	1310-73-2	215-185-5	<1	Skin Corr. 1A H314	GHS05

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
sodium hypochlorite, solution ... % Cl active	7681-52-9		Aquatic Acute 1: 10 Aquatic Chronic 1: 1	
sodium hydroxide caustic soda	1310-73-2	Skin Corr. 1A	C>= 5.00 <= 100.00	
		Skin Corr. 1B	C>= 2.00 < 5.00	
		Skin Irrit. 2	C>= 0.50 < 2.00	
		Eye Irrit. 2	C>= 0.50 < 2.00	

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.



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

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Immediately call a POISON CENTRE/doctor.
Skin Contact	Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label). Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTRE/doctor.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.
Ingestion	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Causes burns. Causes severe skin burns and eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). 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

May decompose in a fire, giving off toxic and irritant vapours.

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 protective clothing, gloves and eye/face protection.

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. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container.

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.



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7.2 Conditions for safe storage, including any incompatibilities

Storage temperature
Storage life
Incompatible materials

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. Store locked up. Separate from acids. Use appropriate containment to avoid environmental contamination.

Ambient.
Stable under normal conditions.
None known.

7.3 Specific end use(s)

Bleach

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Sodium hydroxide	1310-73-2				2	

Region
United Kingdom

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

Remark
Notes

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN ISO 16321-1).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state Liquid.
Colour Clear liquid
Odour Chlorine odour
Melting point/freezing point Not known.
Boiling point or initial boiling point and boiling range Not known.
Flammability Not known.

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Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	> 12.
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.
Relative density	1.004- 1.024
Relative vapour density	Not known.
Particle characteristics	Not known.
9.2 Other information	None.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Generates toxic gas in contact with acid.

10.2 Chemical Stability

Stable under normal conditions (See also Section 7).

10.3 Possibility of hazardous reactions

See Section 10.1, 10.4 and 10.5.

10.4 Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5 Incompatible materials

Acids. Ammonia. Metals.

10.6 Hazardous decomposition products

Chlorine gas.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Product information**

Acute toxicity - Ingestion	Not classified.
Acute toxicity - Skin Contact	Not classified.
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Calculation method : Causes skin irritation. pH-based classification (CLP 3.2.3.1.2): Causes severe skin burns and eye damage.
Serious eye damage/irritation	Calculation method : Causes serious eye damage. pH-based classification (CLP 3.2.3.1.2): Causes severe skin burns and eye damage.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

Component information**Acute toxicity estimates**

Product/ingredient name	Oral LD50	Dermal LD50	Inhalation LC50
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Sodium Hypochlorite	= 8.91 g/kg (Rat)	> 20000 mg/kg bw (OECD 402)	> 10.5 mg/L (Rat) 1 h
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Skin corrosion/irritation and serious eye damage/irritation

Product/ingredient name	Result	Remarks	Species	Methods
Sodium Hypochlorite	Slight irritant	-	Rabbit	OECD 404
Sodium Hypochlorite	Slight irritant		Guinea pig	OECD 404
Sodium Hypochlorite	Moderate irritant	-	Rabbit	OECD 404
Sodium Hypochlorite	Corrosive	Category 1B (H314), Category 1 (H318)	-	-
Sodium Hydroxide	Irritant	-	Rabbit	OECD 405
Sodium Hydroxide	Corrosive	In Vitro study	-	OECD 435

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Product information**

Ecotoxicity Summation method: Harmful to aquatic life with long lasting effects.

Component information

Substance data where relevant and available are listed below:

Product/ingredient name	Result	Species	Exposure	Remarks
Sodium hypochlorite				
	Acute LC50 0.032 mg/l Marine water	Fish - Oncorhynchus kisutch	96 h	
	Acute EC50 0.01 mg/l Fresh water	Daphnia - Daphnia magna	48 h	
	Acute LC50 56.4 mg/l Marine water	Crustaceans - Palaemonetes pugio	48 h	
	Acute EC50 0.67 mg/l Marine water	Algae - Phaeodactylum tricornutum	96 h	
	Chronic NOEC 0.5 mg/l Marine water	Algae - Isochrysis galbana	96 h	
	Chronic NOEC 0.1 mg/l Fresh water	Fish - Cyprinus carpio	30 d	
Sodium hydroxide				
	Acute LC50 45 mg/l	Fish - Oncorhynchus mykiss	96 h	
	Acute EC50 40.5 mg/l	Daphnia - Ceriodaphnia sp.	48 h	



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12.2 Persistence and degradability

No data available for mixture.

12.3 Bioaccumulative potential

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

Product/ingredient name	Partition coefficient	BCF	Potential
Sodium hypochlorite	-3.42	-	low

Conclusion/summary: No bioaccumulation is expected.

12.4 Mobility in soil

No data available for mixture.

12.5 Results of PBT and vPvB assessment

The substances used in this mixture are neither a PBT- or a vPvB substance.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Not known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

13.2 Additional Information

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

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

UN No. 1791

14.2 UN proper shipping name

UN proper shipping name HYPOCHLORITE SOLUTION

14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class 8

ADR Classification Code C9

Special Provisions 521

Limited Quantities 5 L

**Easy Thin Bleach**

Excepted Quantities	E1
Emergency Action Code	2X
Packing Instructions for Packages	P001 IBC02 LP01 R001
Special Packing Provisions for Packages	B5
Mixed Packing Instructions for Packages	MP19
Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP2 TP24
Tank Code for Tanks	L4BV(+)
Special Provisions for Tanks	TU42 TE11
Vehicle for Tank Carriage	AT
ADR Transport Category	3
Tunnel Restriction Code	E
Special Provisions for Carriage - Packages	
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	
Special Provisions for Carriage - Operation	
ADR HIN	80
IMDG	
IMDG Class	8
Special Provisions	223 274 900
Limited Quantities	5 L
Excepted Quantities	E1
Mixed Packing Instructions for Packages	P001 LP01 IBC03
Special Packing Provisions for Packages	
Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP2 TP24
IMDG EMS	F-A, S-B
Stowage and Handling	Category B
Segregation	SGG8 SG20
Marine Pollutant	
ICAO/IATA	
ICAO/IATA Class	8
Excepted Quantities	E1
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y841
Passenger and Cargo Aircraft Limited Quantities Max net Qty	1L
Passenger and Cargo Aircraft Packing Instructions	852
Passenger and Cargo Aircraft Max net Qty	5L
Cargo Aircraft Packing Instructions	856
Cargo Aircraft Max net Qty	60L
Special Provisions	A3, A803
Emergency Response Guidebook (ERG) Code	8L
Labels	
Labels	8

**14.4 Packing group**

Packing group III

14.5 Environmental hazards

Environmental hazards Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Not known.

14.7 Maritime transport in bulk according to IMO instruments

No information available

SECTION 15: REGULATORY INFORMATION



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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 subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not listed

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

Seveso Directive None known.

National regulations

Other Not known.

15.2 Chemical Safety Assessment

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)



GHS05

GHS09: GHS: Environment

Hazard classification

Skin Corr. 1 : Skin corrosion/irritation, Category 1
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
Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1
Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1
Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.
EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).

Precautionary Statement(s)

P260: Do not breathe dust/fume/gas/mist/vapours/spray.



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P264: Wash hands and exposed skin thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331+P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.
P303+P361+P353+P310: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTRE/doctor.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.
P321: Specific treatment (see Medical Advice on this label).
P363: Wash contaminated clothing before reuse.
P405: Store locked up.
P501: Dispose of contents in accordance with local, state or national legislation.

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
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
IATA : International Air Transport Association
IBC : Intermediate Bulk Container
ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
UN : United Nations
vPvB : very Persistent and very Bioaccumulative

Acronyms

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

Training Advice

Disclaimers

Regular safety training as appropriate
Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Easy Cleaning Solutions gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Easy Cleaning Solutions accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.