SAFETY DATA SHEET
Easy Seriously Thick Bleach Original

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

1.1. Product identifier

Product name	Easy Seriously Thick Bleach Original
Product No.	537550
Internal Id	00022612 (2 - 27/01/2010)
Container size	750 ml

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

Identified uses	Bleach
Uses advised against	Avoid contact with acids.

1.3. Details of the supplier of the safety data sheet

Supplier

Jeyes Ltd
Brunel Way
Thetford
Norfolk
IP24 1HF
UK
+44 1842 757575
Contact: Rowland Furse / Simon Burt
Email: contact@jeyes.com

1.4. Emergency telephone number

+44 1842 757575

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Met. Corr. 1 - H290
Human health	Skin Corr. 1A - H314
Environment	Not classified.

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

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

Causes severe skin burns and eye damage.

Physical and Chemical Hazards

May be corrosive to metals.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

Signal Word Danger

Hazard Statements

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.

Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves, eye and face protection.
P302+352	IF ON SKIN: Wash with plenty of soap and water.

Supplementary Precautionary Statements

P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P405	Store locked up.

Supplemental label information

EUH206	Warning! Do not use together with other products. May release dangerous gases (chlorine).

2.3. Other hazards

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE **1-5%**

CAS-No.: 7681-52-9 **EC No.: 231-668-3**

Classification (EC 1272/2008)	Classification (67/548/EEC)
EUH031	C;R34
Skin Corr. 1B - H314	R31
Aquatic Acute 1 - H400	N;R50

SODIUM HYDROXIDE **< 1%**

CAS-No.: 1310-73-2 **EC No.: 215-185-5**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Met. Corr. 1 - H290	C;R35
Skin Corr. 1A - H314	

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

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Immediately rinse mouth and provide fresh air. Do not induce vomiting. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Consult a physician for specific advice.

Skin contact

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation

Unlikely route of exposure as the product does not contain volatile substances. May cause irritation to the respiratory system. Chlorine.

Ingestion

Severe irritation.

Skin contact

The product is strongly irritating to eyes and skin. Prolonged contact may cause burns.

Eye contact

The product is strongly irritating to eyes and skin. Prolonged contact may cause burns.

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

Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

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

Unusual Fire & Explosion Hazards

None known.

Specific hazards

The product is non-combustible. If heated, toxic vapours may be formed. Chlorine.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. For personal protection, see section 8.

6.2. Environmental precautions

Collect and dispose of spillage as indicated in section 13.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Small Spillages: Flush away spillage with plenty of water. Large Spillages: Absorb with sand or other inert absorbent. Transfer to a container for disposal. For waste disposal, see section 13.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read label before use.

7.2. Conditions for safe storage, including any incompatibilities

Unsuitable containers: metals. Keep away from food, drink and animal feeding stuffs. Store in closed original container at temperatures between 5°C and 25°C.

Storage Class

Lagerklasse 8B

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
SODIUM HYDROXIDE	WEL				2 mg/m3	

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Rubber gloves are recommended.

Eye protection

Wear approved, tight fitting safety glasses where splashing is probable.

Hygiene measures

Wash hands after handling.

Skin protection

Wear suitable protective clothing as protection against splashing or contamination.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Yellow.
Odour	Slight odour. Chlorine.
Solubility	Soluble in water.
Initial boiling point and boiling range (°C)	ca. 95°C 760 mm Hg
Melting point (°C)	ca. 0°C
Relative density	1.067 - 1.097 @ 20°C

Vapour density (air=1)

Not applicable.

Vapour pressure

Not applicable.

Evaporation rate

Not applicable.

pH-Value, Conc. Solution	12.0 - 14.0
Viscosity	50 - 120 cP @ 20°C

Decomposition temperature (°C)

Not applicable.

Odour Threshold, Lower

Not applicable.

Odour Threshold, Upper

Not applicable.

Flash point (°C)	> 61°C CC (Closed cup).

Auto Ignition Temperature (°C)

Not applicable.

Flammability Limit - Lower(%)

Not applicable.

Flammability Limit - Upper(%)

Not applicable.

Partition Coefficient (N-Octanol/Water)

Not applicable.

Explosive properties

Not applicable.

Oxidising properties	Oxidises organic material and metals.

9.2. Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Generates toxic gas in contact with acid. Chlorine.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Generates toxic gas in contact with acid. Chlorine.

10.4. Conditions to avoid

Avoid contact with acids. Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

Acids.

10.6. Hazardous decomposition products

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:

Acute Toxicity (Oral LD50)

> 2900 mg/kg Mouse

2, 900 - 3, 400 (Sodium hypochlorite)

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

Sodium hypochlorite

Acute Toxicity (Inhalation LC50)

> 10.5 mg/l (vapours) Rat

Sodium hypochlorite

Skin Corrosion/Irritation:

Extreme pH.

≥ 11.5

Corrosive

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Irritating. May cause nausea, stomach pain and vomiting.

Skin contact

The product is strongly irritating to eyes and skin. Prolonged contact may cause burns.

Eye contact

The product is strongly irritating to eyes and skin. Prolonged contact may cause burns.

Route of entry

Ingestion. Skin and/or eye contact.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be toxic to aquatic organisms.

12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

12.2. Persistence and degradability

Degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not applicable.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

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	LIMITED QUANTITIES for ADR / RID / IMDG (not assessed for transportation via air (ICAO / IATA) under limited quantities).

14.1. UN number

UN No. (ADR/RID/ADN)	1791
UN No. (IMDG)	1791
UN No. (ICAO)	1791

14.2. UN proper shipping name

Proper Shipping Name	HYPOCHLORITE SOLUTION

14.3. Transport hazard class(es)

ADR/RID/ADN Class	8
ADR/RID/ADN Class	Class 8: Corrosive substances.
ADR Label No.	8
IMDG Class	8
ICAO Class/Division	8

Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

EMS	F-A, S-B
Emergency Action Code	2X
Hazard No. (ADR)	80
Tunnel Restriction Code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATION

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

EU Legislation

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, including amendments. 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.

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Change to CLP classification

Issued By	Rowland Furse / Simon Burt
Revision Date	01/10/2014
Revision	6 - 12/05/2011

Risk Phrases In Full

R31 Contact with acids liberates toxic gas. , R34 Causes burns. , R35 Causes severe burns. , R36/38 Irritating to eyes and skin. , R50 Very toxic to aquatic organisms.

Hazard Statements In Full

EUH031 Contact with acids liberates toxic gas. , H290 May be corrosive to metals. , H314 Causes severe skin burns and eye damage. , H400 Very toxic to aquatic life.