



JEYES



SAFETY DATA SHEET

Jeyes Kleen Off Original Thick Bleach [750ml x 12] (JP)

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

1.1. Product identifier

Product Name	Jeyes Kleen Off Original Thick Bleach [750ml x 12] (JP)
Product No.	535840
Internal Id	B171 - 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	Household bleaching and disinfecting
Uses Advised Against	Avoid contact with acids.

1.3. Details of the supplier of the safety data sheet

Supplier:	Jeyes Ltd. Jeyes Professional Division 180-181 Bradkirk Place Walton Summit Preston Lancashire. PR5 8AJ T 01772 318318 F 01772 318319 technical@jeyes.co.uk
Contact Person	Simon Burt

1.4. Emergency telephone number

0800 197 5599

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Human Health

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

2.2. Label elements

Labelling



Irritant

Risk Phrases

R36/38

Irritating to eyes and skin.

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.

S28

After contact with skin, wash immediately with plenty of water.

S46

If swallowed, seek medical advice immediately and show this container or label.

P6

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

2.3. Other hazards

Not applicable.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE		2.5 - < 5%
CAS-No.: 7681-52-9	EC No.: 231-668-3	
Classification (EC 1272/2008) EUH031 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC) C;R34 R31 N;R50	
SODIUM HYDROXIDE		0.25 - < 1%
CAS-No.: 1310-73-2	EC No.: 215-185-5	
Classification (EC 1272/2008) Skin Corr. 1A - H314	Classification (67/548/EEC) C;R35	

The Full Text for all R-Phrases and Hazard Statements is 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.

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Specific Hazards

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

5.3. Advice for firefighters

Protective Measures In Fire

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

Keep away from food, drink and animal feeding stuffs. Store in closed original container at temperatures between 0°C and 30°C. Store away from: Acids.

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/m ³	

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	Clear Viscous liquid
Colour	Light (or pale) Yellow

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Odour	Slight odour Chlorine.
Solubility	Soluble in water.
Initial Boiling Point and Boiling Range:	~ 95
Relative Density	1.067 - 1.097 @ 20°C
pH-Value, Conc. Solution	12 - 14
Viscosity	50 - 120 cps @ 20°C
Flash Point (°C)	>61°C CC (Closed cup).

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 (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 Irritating. Young's Test Method.

Inhalation

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

Ingestion.

Irritating. May cause nausea, stomach pain and vomiting.

Skin Contact

Irritating to skin.

Eye Contact

Irritating to eyes.

Route of entry

Skin and/or eye contact.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product is not expected to be hazardous to the environment.

12.1. Toxicity

Acute Toxicity - Fish	LC50 96 hours > 0.22 mg/l
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0.22 - 0.62 (Sodium hypochlorite)

Acute Toxicity - Aquatic EC50 96 hours 2.1 mg/l Daphnia magna

Invertebrates

Sodium hypochlorite

12.2. Persistence and degradability

Degradability:

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative Potential:

No data available on bioaccumulation.

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

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)

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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

Dangerous Preparations Directive 1999/45/EC.

Dangerous Substance Directive 67/548/EEC.

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

General Information

- FOR PROFESSIONAL USE ONLY -

NOTE: THE RISK PHRASES SHOWN BELOW RELATE TO THE INDIVIDUAL RAW MATERIALS IN THE PRODUCT (from section 3), AND NOT THE CLASSIFICATION OF THE PRODUCT ITSELF (this can be found in section 15)

Revision Comments

Change of format and content according to REACH Annex II.

Issued By Michelle Smith

Revision Date 12/05/2011

Revision 7 - 27/08/2010

Risk Phrases In Full

R34 Causes burns.
 R35 Causes severe burns.
 R31 Contact with acids liberates toxic gas.
 R50 Very toxic to aquatic organisms.

Hazard Statements In Full

H314 Contact with acids liberates toxic gas.
 H314 Causes severe skin burns and eye damage.
 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.