



SAFETY DATA SHEET
Kleen Off Original Thick Bleach [750ml x 12] (JP)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME Kleen Off Original Thick Bleach [750ml x 12] (JP)
 PRODUCT NO. 535840
 INTERNAL ID B46 - 00004992 (01:06 - 24/07/06)
 APPLICATION Household bleaching and disinfecting
 SUPPLIER Jeyes Professional Division Ltd
 Bracewell Avenue
 Poulton-le-Fylde
 Lancashire
 FY6 8JF
 T 01253 890449
 F 01253 895940
 EMERGENCY TELEPHONE 0800 197 5599

2 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|--|-----------|-----------|---------|-----------------|
| SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE | 231-668-3 | 7681-52-9 | < 5% | C;R34 R31 N;R50 |
| SODIUM HYDROXIDE | 215-185-5 | 1310-73-2 | < 1% | C;R35 |

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

CLASSIFICATION Xi;R36/38.

4 FIRST-AID MEASURES

INHALATION

Move injured person into fresh air and keep person calm under observation. If necessary, seek hospital and bring these instructions.

INGESTION

Immediately rinse mouth and provide fresh air. Get medical attention. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

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.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

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.

Kleen Off Original Thick Bleach [750ml x 12] (JP)**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

STORAGE PRECAUTIONS

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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | Std | LT - ppm | LT - mg/m3 | ST - ppm | ST - mg/m3 |
|------------------|-----|----------|------------|----------|------------|
| SODIUM HYDROXIDE | WEL | | | | 2 mg/m3 |

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.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------|-------------------------|------------------|---------------------|
| APPEARANCE | Clear Viscous liquid | | |
| COLOUR | Light (or pale) Yellow | | |
| ODOUR | Slight odour Chlorine. | | |
| SOLUBILITY | Soluble in water | | |
| BOILING POINT (°C) | 100 | RELATIVE DENSITY | 1.067 - 1.097 @ 20C |
| pH-VALUE, CONC. SOLUTION | 12 - 14 | VISCOSITY | 50 - 120 cps @ 20C |
| FLASH POINT (°C) | > 60.5 CC (Closed cup). | | |

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid contact with acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Chlorine.

11 TOXICOLOGICAL INFORMATION**INHALATION**

May cause irritation to the respiratory system.

INGESTION

Irritating. May cause nausea, stomach pain and vomiting.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

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

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

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

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DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

| | | | |
|----------------------|--|------------------|--------------------------------|
| GENERAL | LIMITED QUANTITIES for ADR/IMDG. (Not for transportation via air (IATA) as limited quantities) | | |
| UK ROAD CLASS | 8 | | |
| PROPER SHIPPING NAME | HYPOCHLORITE SOLUTION | | |
| UN NO. ROAD | 1791 | UK ROAD PACK GR. | III |
| ADR CLASS NO. | 8 | ADR CLASS | Class 8: Corrosive substances. |
| ADR PACK GROUP | III | ADR LABEL NO. | 8 |
| RID CLASS NO. | 8 | RID PACK GROUP | III |
| UN NO. SEA | 1791 | IMDG CLASS | 8 |
| IMDG PAGE NO. | 8 | IMDG PACK GR. | III |
| MFAG | See Guide | MARINE POLLUTANT | No. |
| UN NO. AIR | 1791 | AIR CLASS | 8 |
| AIR PACK GR. | III | | |

15 REGULATORY INFORMATION

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 with other products. May release dangerous gases (chlorine).

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

System of specific information relating to Dangerous Preparations. 2001/58/EC.

NATIONAL REGULATIONS

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

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.

16 OTHER INFORMATION

GENERAL INFORMATION

- FOR PROFESSIONAL USE ONLY - NOTE: THE RISK PHRASES SHOWN BELOW ARE THE RISK PHRASES IN FULL FROM SECTION 2, NOT THE CLASSIFICATION OF THE PRODUCT (this can be found in section 15)

REVISION COMMENTS

Changes to section 15.

ISSUED BY

Darren Greenwood

REVISION DATE 25/09/2006

REV. NO./REPL. SDS GENERATED 3 - 28/07/2005

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

RISK PHRASES IN FULL

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

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.