SAFETY DATA SHEET
Jeyes Professional Kleen Off Bactericidal Hard Surface Cleaner (H1) [750ml x 6]

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME
Jeyes Professional Kleen Off Bactericidal Hard Surface Cleaner (H1) [750ml x 6]

PRODUCT NO.
571480

INTERNAL ID
JP0089 (02:06 - 26/07/06)

APPLICATION
Hard surface cleaner

SUPPLIER
Jeyes Professional Division Ltd
180-181 Bradkirk Place
Walton Summit
Preston
Lancashire
PRS 8AJ
T 01772 318318
F 01772 318319
technical@jeyes.co.uk

EMERGENCY TELEPHONE
0800 197 5599

CONTAINER SIZE
750 ml

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

HUMAN HEALTH
May cause minor irritation on eye contact.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL</td>
<td>200-578-6</td>
<td>64-17-5</td>
<td>0.25 - &lt; 1%</td>
<td>F;R11</td>
</tr>
<tr>
<td>ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE</td>
<td>270-325-2</td>
<td>68424-85-1</td>
<td>0.25 - &lt; 1%</td>
<td>Xn;R22. C;R34. N;R50.</td>
</tr>
</tbody>
</table>

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

4 FIRST-AID MEASURES

INHALATION
General first aid, rest, warmth and fresh air.

INGESTION
Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

SKIN CONTACT
Rinse with water. Contact physician if discomfort continues.

EYE CONTACT
Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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
Jeyes Professional Kleen Off Bactericidal Hard Surface Cleaner (H1) [750ml x 6]

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. For waste disposal, see section 13.

7 HANDLING AND STORAGE

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

STORAGE PRECAUTIONS
Store in closed original container at temperatures between 0°C and 30°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>TWA - 8 hrs</th>
<th>STEL - 15 min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL</td>
<td>WEL</td>
<td>1000 ppm</td>
<td>1920 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

HAND PROTECTION
For prolonged or repeated skin contact use suitable protective gloves.

HYGIENE MEASURES
Wash hands after handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>APPEARANCE</th>
<th>Clear liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOUR</td>
<td>Light (or pale) Red</td>
</tr>
<tr>
<td>ODOUR</td>
<td>Ozonic</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>BOILING POINT (°C)</td>
<td>100</td>
</tr>
<tr>
<td>pH-VALUE, CONC. SOLUTION</td>
<td>7.0 - 9.0</td>
</tr>
<tr>
<td>RELATIVE DENSITY</td>
<td></td>
</tr>
<tr>
<td>FLASH POINT (°C)</td>
<td></td>
</tr>
<tr>
<td>0.985 - 1.015 @ 20C</td>
<td></td>
</tr>
<tr>
<td>&gt; 60.5 CC (Closed cup)</td>
<td></td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID
Do not mix or use with other products.

11 TOXICOLOGICAL INFORMATION

INGESTION
May cause discomfort if swallowed.

SKIN CONTACT
Prolonged contact may cause redness and irritation.

EYE CONTACT
May cause temporary eye irritation.

12 ECOLOGICAL INFORMATION

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

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Disposal of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

**GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15 REGULATORY INFORMATION**

**RISK PHRASES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Phrase</th>
</tr>
</thead>
<tbody>
<tr>
<td>NC</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

**SAFETY PHRASES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Phrase</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2</td>
<td>Keep out of the reach of children</td>
</tr>
</tbody>
</table>

**DETERGENT LABELLING**

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 5%</td>
<td>Non-ionic surfactants</td>
</tr>
<tr>
<td></td>
<td>Perfumes</td>
</tr>
<tr>
<td></td>
<td>Disinfectants</td>
</tr>
<tr>
<td></td>
<td>Contains BENZISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE (3:1)</td>
</tr>
</tbody>
</table>

**EU DIRECTIVES**

Dangerous Preparations Directive 1999/45/EC.

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

**NATIONAL REGULATIONS**


The surfactant(s) contained in this preparation comply(with) 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 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 to section 1

**ISSUED BY**

Michelle Smith

**REVISION DATE**

11/09/2008

**REV. NO./REPL. SDS GENERATED**

5 - 12/12/2007

**RISK PHRASES IN FULL**

<table>
<thead>
<tr>
<th>Code</th>
<th>Phrase</th>
</tr>
</thead>
<tbody>
<tr>
<td>R11</td>
<td>Highly flammable</td>
</tr>
<tr>
<td>R22</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>R34</td>
<td>Causes burns</td>
</tr>
<tr>
<td>R50</td>
<td>Very toxic to aquatic organisms</td>
</tr>
</tbody>
</table>

**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.