SAFETY DATA SHEET

Creation Date: 09/09/2013
Revision Date: No Previous Date

Version Number: V1
Previous Revision Date: No Previous Date

Section 1

Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier
Commercial Name
HOSPEC Hard Surface BACTERIALCIDE CLEANER 750ml

Other Means of Identification
SKU Code
40037437

Internal Ref
CLRHSCTRAGABC201106001

SAP Code
56011102

SUB#
45557

Brand
RMB

Formulation Code
56011102

1.2 Relevant identified uses of the substance or mixture and uses advised against
Product Type
Antibacterial Cleaner Trigger

Intended/Recommended Use
For cleansing hard surfaces

Uses Advised Against
None

1.3 Details of the supplier of the safety data sheet
Name and Address of Supplier
Robert McBride Ltd, Middleton Way, Middleton, Manchester M24 4DP, United Kingdom

Emergency Contact Details
Robert McBride Ltd, Middleton Way, Middleton, Manchester M24 4DP, United Kingdom

Telephone
+ 44 (0) 161 653 9037

Website
www.detergentinfo.com
Section 2

Hazard Identification

2.1 Classification of the substance or mixture
Classification according to 1999/45/EC
Under the Chemical Hazard, Information and Packaging Regulations (CHIP4.0) 2009 this product is not classified as hazardous to human health or the aquatic environment.

2.2 Label Elements
Labelling according to 1999/45/EC
Risk Phrase(s)
None

Safety Phrase(s)
None

Supplemental Phrase(s)
None

2.3 Other Hazards
None

Section 3

Composition/information on ingredients

3.1 Substances
Not applicable. Safety Data Sheet relates to mixture

3.2 Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Range % [ai]</th>
<th>EC No</th>
<th>CAS No</th>
<th>REACH No</th>
<th>Classification according to 67/548/EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzalkonium Chloride</td>
<td>0.1-1</td>
<td>264-151-6</td>
<td>63349-41-2</td>
<td></td>
<td>C R34 Xn R21 R22 N R50</td>
</tr>
</tbody>
</table>

for full text of R-phrases: See Section 16

Mixtures

Section 4
First Aid Measures

4.1 Description of first aid measures

Neat Product

Eye
Immediately wash the eye with plenty of water for at least 10 minutes, holding the eye open. Remove from site of exposure. If redness or irritation persists, obtain medical advice. Protect uninjured eye.

Skin
Immediately wash the skin thoroughly with plenty of clean water. If redness or irritation persists, obtain medical advice.

Ingestion
Wash out mouth with water. Do not induce vomiting. Obtain medical advice.

Inhalation
Remove from site of exposure into fresh air. Keep warm and at rest. Obtain medical advice immediately if breathing shows signs of failing.

Diluted Product

Eye
Not applicable

Skin
Not applicable

Ingestion
Not applicable

Inhalation
Not applicable

4.2 Most important symptoms and effects, both acute and delayed

Prolonged or repeated exposure to the skin may lead to irritation.
If mixture comes into contact with eyes may cause mild irritation
Inhalation may cause slight irritation of the nasal mucosa and respiratory tract
If ingested, the mixture may cause irritation of the mouth and upper digestive tract

4.3 Indication of any immediate medical attention and special treatment needed

No special treatment required - see first aid above

Section 5

Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media
Dry powder, foam, carbon dioxide and water mist.

Unsuitable extinguishing media
DO NOT USE DIRECT WATER SPRAY.

5.2 Special hazards arising from the substance or mixture

Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be found in large fires
5.3 Advice for fire fighters
In case of fire of large quantities, self contained breathing apparatus should be worn.

Section 6

Accidental release measures

6.1 Personal Precautions, Protective equipment and emergency procedures
Non emergency personnel
Avoid contact with eyes. Avoid prolonged skin contact. Keep all non essential personnel away from area of accidental release.

Emergency personnel
Avoid contact with eyes. Avoid prolonged skin contact. Keep all non essential personnel away from area of accidental release.

6.2 Environmental Precautions
Avoid discharge of large volumes into water courses

6.3 Methods and materials containment and cleaning up
Small spills (less than 6 bottles)
Wipe or Mop up the spilled mixture with inert absorbent material and dispose of in accordance with normal waste disposal measure

Large spills (greater than 6 bottles)
Contain the spilled mixture with sand or other inert absorbent material. Transfer used material to a suitable waste container and dispose of in accordance with local regulations

6.4 Reference to other sections
Refer to sections 8 & 13

Section 7

Handling and Storage

7.1 Precautions for safe handling
Avoid contact with eyes. Avoid repeated or prolonged contact with skin. Keep out of the reach of children.
Use only as directed.
Rinse and dry hands after use.
Do not allow pets (especially cats) to walk on treated surfaces until they are dry, or to lick surfaces that have been sprayed or wiped with this mixture. Contains Benzalkonium Chloride

7.2 Conditions for safe storage, including any incompatibilities
Store in original container in a cool place. Keep out of the reach of children.

7.3 Specific end use(s)
For cleaning hard surfaces

Section 8
Exposure controls / personal protection

8.1 Control parameters
Occupational exposure limits

<table>
<thead>
<tr>
<th>Limit value type (country of origin)</th>
<th>Substance name</th>
<th>EC No</th>
<th>CAS No</th>
<th>Occupational Exposure Limit</th>
<th>Long Term</th>
<th>Short Term</th>
<th>Source</th>
</tr>
</thead>
</table>

8.2 Exposure controls
Personal protective equipment
None during normal use. Avoid prolonged contact.

Environmental exposure controls
No eSDS available

Section 9

Physical and chemical properties

9.1 Information on the basic physical and chemical properties
(a) Appearance
Liquid with characteristic odour

(b) Odour
Characteristic

(c) Odour Threshold
No Data Available

(d) pH
6 - 8 (Undiluted at 20 degC)

(e) Melting/freezing point
<0degC

(f) Initial boiling point and boiling range
95 degC

(g) Flash point
Not Applicable (Not Flammable)

(h) Evaporation rate
Not Determined (Likely to be similar to water)

(i) Flammability (solid, gas)
Not Applicable

(j) Upper/lower flammability or explosive limits
Not Applicable (Not Flammable)
(k) Vapour pressure
Not Determined (Likely to be similar to water)

(l) Vapour density
Not Determined (Likely to be similar to water)

(m) Relative density
1.008 g/cm³ (at 20 degC)

(n) Solubility
Not Determined (Likely to be similar to water)

(o) Partition coefficient (n-octanol/water)
Not Determined (Likely to be similar to water)

(p) Auto-ignition temperature
Not Determined (Likely to be similar to water)

(q) Decomposition temperature
Not Determined (Likely to be similar to water)

(r) Viscosity
Not Determined (Likely to be similar to water)

(s) Explosive properties
Mixture does not contain any substances directly added or produced by reactions that are classified as explosive

(t) Oxidising properties
Mixture does not contain any substances directly added or produced by reactions that are classified as oxidising

9.2 Other information
(a) Nanomaterials
None

(b) Corrosivity to metals
Not Available

Section 10

Stability and reactivity

10.1 Reactivity
Stable under cool, dry conditions

10.2 Chemical stability
Stable under cool, dry conditions

10.3 Possibility of hazardous reactions
None Known

10.4 Conditions to avoid
Avoid extreme temperatures

10.5 Incompatible materials
Avoid contact with strong acids, strong bases and oxidising agents

10.6 Hazardous decomposition products
Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be found in large fires

Section 11

Toxicological information

11.1 Information on toxicological effects
Acute Toxicity
Oral
Mixture is not classified for acute oral toxicity by conventional classification

Dermal
Mixture is not classified for acute dermal toxicity by conventional classification

Inhalation
Mixture is not classified for acute inhalation toxicity by conventional classification

Irritation:
Dermal
Mixture is not classified as irritating to skin by conventional classification

Eye
Mixture is not classified as irritating to eyes by conventional classification

Corrosivity
Dermal
Mixture is not classified as corrosive by conventional classification or pH

Eye
Mixture is not classified as corrosive by conventional classification or pH

Sensitisation
Dermal
Mixture contains substances known as 'Alleged Allergens'. Product will be labelled with these materials in accordance with Detergents Regulations (648/2004/EC)

Inhalation
Mixture is not classified as a respiratory sensitiser by conventional classification

Specific Target Organ Toxicity - Single Exposure
Oral
Mixture does not contain any substances classified as STOT - SE by ingestion

Dermal
Mixture does not contain any substances classified as STOT - SE by skin contact

Inhalation
Mixture does not contain any substances classified as STOT - SE by inhalation

Specific Target Organ Toxicity - Repeated Exposure
Oral
SAFETY DATA SHEET

Mixture does not contain any substances classified as STOT - RE by ingestion

Dermal
Mixture does not contain any substances classified as STOT - RE by skin contact

Inhalation
Mixture does not contain any substances classified as STOT - RE by inhalation

Aspiration Toxicity
Mixture does not contain any substances classified as aspirational toxins

Carcinogenicity
Mixture does not contain any substances classified as carcinogens

Mutagenicity
Mixture does not contain any substances classified as mutagenic

Toxic for reproduction
Mixture does not contain any substances classified as toxic for reproduction

Other information
None

Section 12

Ecological information

12.1 Toxicity
During normal use mixture is not anticipated to present a significant risk to the environment.
Mixture is not classified as harmful to the aquatic environment by conventional calculation

12.2 Persistence and degradability
The surfactants contained in this mixture comply with biodegradability criteria as laid down in regulations (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member state. The other substances of this mixture are either environmentally inert or absorbed onto sewage and sediment etc or will biodegrade to substances which are likely to be of low environmental impact when the product is used as directed.

12.3 Bioaccumulative potential
Mixture is not expected to bioaccumulate

12.4 Mobility in soil
Mixture is expected to be fully mobile through soil

12.5 Results of PBT and vPvB assessment
Mixture does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects
None

Section 13
Disposal Considerations

13.1 Waste treatment methods
Mixture:
Under conditions of expected use the mixture will be disposed of at the end of its life into the normal domestic waste streams

Packaging
May be disposed of in household waste landfill. Recycle packaging where facilities exist.

Additional information
Local or regional provisions may be in force and shall be referred to.

Section 14

Transport Information

14.1 Land Transport (ADR/RID)
14.1 UN Number
Not classified as dangerous goods for transport

14.2 UN Proper shipping name
Not classified as dangerous goods for transport

14.3 Transport hazard class(s)
Not classified as dangerous goods for transport

14.4 Packaging Group
Not classified as dangerous goods for transport

14.5 Environmental hazards
Not classified as dangerous goods for transport

14.6 Special precautions for the user
Not classified as dangerous goods for transport

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not classified as dangerous goods for transport

14.2 Sea Transport (IMDG Code)
14.1 UN Number
Not classified as dangerous goods for transport

14.2 UN Proper shipping name
Not classified as dangerous goods for transport

14.3 Transport hazard class(s)
Not classified as dangerous goods for transport

14.4 Packaging Group
Not classified as dangerous goods for transport

14.5 Environmental hazards
SAFETY DATA SHEET

Not classified as dangerous goods for transport

### 14.6 Special precautions for the user
Not classified as dangerous goods for transport

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not classified as dangerous goods for transport

### 14.3 Air Transport (ICAO-IATA)

#### 14.1 UN Number
Not classified as dangerous goods for transport

#### 14.2 UN Proper shipping name
Not classified as dangerous goods for transport

#### 14.3 Transport hazard class(s)
Not classified as dangerous goods for transport

#### 14.4 Packaging Group
Not classified as dangerous goods for transport

#### 14.5 Environmental hazards
Not classified as dangerous goods for transport

#### 14.6 Special precautions for the user
Not classified as dangerous goods for transport

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not classified as dangerous goods for transport

### Section 15

#### Regulatory Information

15.1 Safety, health and environment regulations/legislation specific for the substance or mixture
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009
Detergents Regulations (EC) No 648/2004
Biocidal Products Directive’ (BPD) 98/8/EC

15.2 Chemical safety assessment
No chemical safety assessment has been carried out

### Section 16

#### Other information

16.1 Reason for and Description of SDS revisions:
REACH Annex II Compliance

Key to abbreviations:
BPD - Biocidal Products Directive
SAFETY DATA SHEET

CHIP - Chemical Hazard, Information and Packaging Regulations
PBT - Persistent, Bioaccumulative, Toxic
STOT RE - Specific Target Organ Toxicity - Repeat Exposure
STOT SE - Specific Target Organ Toxicity - Single Exposure
vPvB - very Persistent, very Bioaccumulative
EH40 - EH40/2005uk List of approved workplace exposure limits

List of risk and safety phrases in full:
R21/22 - Harmful in contact with skin and if swallowed
R34 - Causes burns

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