Marks & Spencer Homecare Products
Ingredients and Safety Data Sheet

1. Identification of Substance/Mixture and of the company undertaking

Product Name: M&S Whites Laundry BIO 21 Washes Gel 630ml

UPC: M00886307S

Series Number: 1

2. Hazard Identification

Prolonged or repeated exposure to the skin may lead to irritation.

If product comes into contact with eyes may cause mild irritation.

If ingested, the product may cause irritation to the mouth and upper digestive tract. If significant quantities (>50ml) are ingested, then nausea and vomiting may occur.

Under the Chemical Hazard, Information and Packaging Regulations (CHIP4) 2009 this product is classified as irritating to eyes (Xi R36)

3. Composition / Information On Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>Range</th>
<th>EINECS</th>
<th>CAS</th>
<th>OEL</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Laureth Sulphate</td>
<td>10-100</td>
<td>221-416-0</td>
<td>9004-82-4</td>
<td>-</td>
<td>Xi R36 R38</td>
</tr>
<tr>
<td>Fatty Acid Ethoxylate</td>
<td>10-100</td>
<td>-</td>
<td>4403-12-7</td>
<td>-</td>
<td>Xn R22 Xi R41 N R50</td>
</tr>
<tr>
<td>Alkylpolyglucoside</td>
<td>1-10</td>
<td>-</td>
<td>141464-42-8</td>
<td>-</td>
<td>Xi R 41 R52</td>
</tr>
<tr>
<td>PEG-3 C13 Oxo-alcohol</td>
<td>1-10</td>
<td>500-241-6</td>
<td>69011-36-5</td>
<td>-</td>
<td>Xi R41</td>
</tr>
<tr>
<td>Denatured Alcohol</td>
<td>1-10</td>
<td>200-578-6</td>
<td>64-17-5</td>
<td>-</td>
<td>F R11</td>
</tr>
<tr>
<td>Potassium alkyl benzene sulphonate</td>
<td>1-10</td>
<td>248-296-2</td>
<td>27177-77-1</td>
<td>-</td>
<td>Xn R22 Xi R38 R41</td>
</tr>
<tr>
<td>Protease Enzyme</td>
<td>1-10</td>
<td>232-752-2</td>
<td>9014-01-1</td>
<td>WEL 15mg/m3</td>
<td>Xi R36 R38 Xn R42</td>
</tr>
<tr>
<td>1,1,6,7-Tetramethyl-6-acetyldecalene (isomers)</td>
<td>0.1-1</td>
<td>68155-66-8</td>
<td>268-978-3</td>
<td>-</td>
<td>N R51/53</td>
</tr>
</tbody>
</table>

4. First Aid Measures

Reference- 16129286
EYE Immediately wash the eye with plenty of water for at least 10 minutes, holding the eye open.

SKIN Wash skin thoroughly with soap and water.

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

INHALATION Product is a liquid, as such inhalation is not a likely route of exposure.

5. Fire Fighting Measures
SUITABLE EXTINGUISHERS: Dry powder, foam, carbon dioxide and water mist.

EXTINGUISHERS NOT TO BE USED: DO NOT USE DIRECT WATER SPRAY.

SPECIAL EQUIPMENT: In case of fire of large quantities of product, self contained breathing apparatus should be worn.

HAZARDOUS COMBUSTION PRODUCT: Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be found in large fires.

EXPOSURE HAZARDS: Carbon dioxide, carbon monoxide and sulphur dioxide.

6. Accidental Release Measures
PERSONAL PRECAUTIONS: Avoid contact with eyes. Avoid repeated or prolonged contact with skin. Keep out of the reach of children.

ENVIRONMENTAL PRECAUTIONS: Avoid discharge of large volumes into water courses.

METHODS FOR CLEANING UP: Contain the spilled liquid with sand or an inert absorbent material. Transfer used material to a suitable waste container and dispose of in accordance with local regulations.

7. Handling & Storage
HANDLING: Maintain good occupational and personal hygiene. Avoid contact with eyes and skin, especially if inflamed or damaged. Wash skin thoroughly if contact occurs.

STORAGE: Store in original container in a cool place. Keep out of the reach of children. Use only as directed.

8. Exposure Controls & Personal Protection
Respiratory Protection: None required during normal use.
Hand Protection: None required during normal use. Avoid prolonged or repeated contact.
Eye Protection: None required during normal use.
Skin Protection: None required during normal use. Avoid prolonged or repeated contact.

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OCCUPATIONAL EXPOSURE LIMITS: None assigned for this product.
ENVIRONMENTAL EXPOSURE CONTROLS: Not required in normal use.

### 9. Physical & Chemical Properties

<table>
<thead>
<tr>
<th>Commercial Name:</th>
<th>MSDS Code</th>
<th>Appearance:</th>
<th>pH:</th>
<th>Odour:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bio supergel laundry liquid</td>
<td>Not Applicable</td>
<td>a hazy green gel</td>
<td>8.5 - 8.9</td>
<td>A Perfumed gel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oxidising Properties:</th>
<th>Explosive Properties:</th>
<th>Evaporation Rate:</th>
<th>Boiling Point / Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flammability (Solid/Gas)</th>
<th>Relative Density:</th>
<th>Vapour Density:</th>
<th>Vapour Pressure:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flash Point:</th>
<th>Solubility:</th>
<th>Viscosity:</th>
<th>Partition Co-efficient:</th>
<th>Other Information:</th>
</tr>
</thead>
<tbody>
<tr>
<td>N / A</td>
<td>N / A</td>
<td>6000 - 10000 cps</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

### 10. Stability & Reactivity

Conditions to avoid: Extreme temperatures.

### 11. Toxicological Information

**EYE:** May cause mild irritation if product comes into contact with eye.

**SKIN:** Frequent or prolonged contact may lead to irritation and defatting of the skin.

**INGESTION:** Low toxicity. May cause local irritation of the mouth and upper digestive tract. Ingestion of significant quantities (>50ml) is likely to lead to nausea and vomiting.

**INHALATION:** Product is a liquid and thus inhalation is not a likely route of exposure.

A small number of consumers may be sensitive to the enzymes used in this product.

### 12. Ecological Information

The surfactants contained in this product 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 state. The other components of this product are either inert or are absorbed onto sewage and sediments etc., or will biodegrade to substances which are likely to be of low environmental impact when the product is used as directed.

Product packaging may be recycled where facilities are available.

### 13. Disposal

**Contents:**

Under conditions of expected use the product Dispose of in accordance with local regulations.

**Empty Containers:**

Reference- 16129286
will be disposed of at the end of its life into the normal domestic refuge system. No adverse effects are expected. Large quantities should be disposed of in accordance with local regulations. Product packaging may be recycled where facilities are available.

14. Transport Information

Not registered as hazardous for transporation purposes.

15. Regulatory Information

Under the Chemical Hazard, Information and Packaging Regulations (CHIP4) 2009 this product is classified as irritating to skin (Xi R38)

St Andrew's Cross followed by the word 'Irritant'

R36 Irritating to eyes
S2 Keep out of reach of children
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed seek medical advice immediately and show this container or label.

The fragrance in this product contains materials that must be decalred on the product label under the requirements of regulations 648/2004/EC on Detergents. These are as follows:

Isoeugenol, Geraniol
Butylphenyl Methylpropional, Linalool
Citronellol, Hexyl Cinnamal
Limonene

16. Other Information

For Information :

R11 Highly Flammable
Harmful if swallowed
R22
R36 Irritating to eyes
R38 Irritating to skin
R41 Risk of serious damage to eyes
R42 may cause sensitisation by inhalation
Very toxic to aquatic organisms
R50
R52 Harmful to aquatic organisms
R51/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment

Reference- 16129286
A.I.S.E Recommended Phrases:

- Keep away from children
- Keep away from eyes. If product gets into eyes rinse thoroughly with water
- Rinse and dry hands after use
- People with sensitive or damaged skin should avoid prolonged contact with the product
- Do not ingest. If product is ingested then seek medical advice

PSG Recommended Phrases:
N/a

For further ingredient information, please access the following website www.detergentinfo.com. Medical personnel may request a medical datasheet under Regulation 648/2004/EC from the manufacturer detailed in section 1.

Disclaimer:
The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. Robert McBride Limited will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendation.

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