SAFETY DATA SHEET  
Jeyes Fluid

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

1.1. Product identifier
Product name  Jeyes Fluid
Product No.  2004976
Internal Id  00018449 (11 - 30/10/2013)
Container size  5 Litre

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses  Outdoor Cleaner

1.3. Details of the supplier of the safety data sheet
Supplier  Jeyes Ltd
Brunel Way
Thetford
Norfolk
IP24 1HF
UK
+44 1842 757575
Contact: Rowland Furse / Simon Burt
Email: contact@jeyes.com

1.4. Emergency telephone number
+44 1842 757575

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical and Chemical Hazards  Not classified.
Human health  Acute Tox. 4 - H302;Acute Tox. 4 - H312;Eye Dam. 1 - H318;Skin Sens. 1 - H317
Environment  Not classified.
Classification (1999/45/EEC)  Xn;R21/22. Xi;R38, R41. R43.
The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health
Harmful if swallowed. Harmful in contact with skin. May cause an allergic skin reaction. Causes serious eye damage.

2.2. Label elements
Contains  4-CHLORO-M-CRESOL
        CRESOL -meta
        CRESOL -para

Label In Accordance With (EC) No. 1272/2008

Signal Word  Danger
Hazard Statements  H302  Harmful if swallowed.
### Jeyes Fluid

- **H312**: Harmful in contact with skin.
- **H317**: May cause an allergic skin reaction.
- **H318**: Causes serious eye damage.

#### Precautionary Statements

- **P101**: If medical advice is needed, have product container or label at hand.
- **P102**: Keep out of reach of children.
- **P103**: Read label before use.
- **P280**: Wear protective gloves.
- **P332**: If skin irritation occurs:
- **P313**: Get medical advice/attention.
- **P362**: Take off contaminated clothing and wash before reuse.

#### Supplementary Precautionary Statements

- **P301+312**: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- **P302+352**: IF ON SKIN: Wash with plenty of soap and water.
- **P305+351+338**: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **P310**: Immediately call a POISON CENTER or doctor/physician.

#### 2.3. Other hazards

Not applicable.

---

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatty acids, Castor oil, Sodium salts</td>
<td>10-30%</td>
<td>8013-05-6 232-388-4</td>
<td>Skin Irrit. 2 - H315</td>
<td>X;R36/38</td>
</tr>
<tr>
<td>4-CHLORO-M-CRESOL</td>
<td>5-10%</td>
<td>59-50-7 200-431-6</td>
<td>Acute Tox. 4 - H302</td>
<td>X;R21/22</td>
</tr>
<tr>
<td>Terpineol</td>
<td>1-5%</td>
<td>8000-41-7 232-268-1</td>
<td>Flam. Liq. 4 - H227</td>
<td>X;R36/38</td>
</tr>
</tbody>
</table>

#### Classification

- **Skin Irrit. 2 - H315**: Moderate skin irritant.
- **Eye Irrit. 2 - H319**: Moderate eye irritant.
- **Acute Tox. 4 - H302**: Slightly toxic by oral exposure.
- **Eye Dam. 1 - H318**: Eye damage, has an irritating effect.
- **Skin Sens. 1 - H317**: Slightly sensitizing.
- **Aquatic Acute 1 - H400**: High aquatic toxicity.
- **Flam. Liq. 4 - H227**: Highly flammable.
- **Acute Tox. 5 - H303**: Highly toxic by oral exposure.
- **Skin Irrit. 2 - H315**: Moderate skin irritant.
- **Eye Irrit. 2 - H319**: Moderate eye irritant.
- **Aquatic Acute 3 - H402**: Low aquatic toxicity.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CRESOL -meta 1-5%</td>
<td>108-39-4</td>
<td>203-577-9</td>
<td>Acute Tox. 3 - H301</td>
<td>T;R24/25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 3 - H311</td>
<td>C;R34</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1B - H314</td>
<td></td>
</tr>
<tr>
<td>CRESOL -para 1-5%</td>
<td>106-44-5</td>
<td>203-398-6</td>
<td>Acute Tox. 3 - H301</td>
<td>T;R24/25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 3 - H311</td>
<td>C;R34</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1B - H314</td>
<td></td>
</tr>
<tr>
<td>3,4-XYLENOL &lt; 1%</td>
<td>95-65-8</td>
<td>202-439-5</td>
<td>Acute Tox. 3 - H301</td>
<td>T;R24/25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 3 - H311</td>
<td>C;R34</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1B - H314</td>
<td>N;R51/53</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 2 - H411</td>
<td></td>
</tr>
<tr>
<td>3,5-XYLENOL &lt; 1%</td>
<td>108-68-9</td>
<td>203-606-5</td>
<td>Acute Tox. 3 - H301</td>
<td>T;R24/25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 3 - H311</td>
<td>C;R34</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1B - H314</td>
<td>N;R51/53</td>
</tr>
<tr>
<td>2,5-XYLENOL &lt; 1%</td>
<td>95-87-4</td>
<td>202-461-5</td>
<td>Acute Tox. 3 - H301</td>
<td>T;R24/25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 3 - H311</td>
<td>C;R34</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1B - H314</td>
<td>N;R51/53</td>
</tr>
<tr>
<td>2,4-XYLENOL &lt; 1%</td>
<td>105-87-9</td>
<td>203-321-8</td>
<td>Acute Tox. 3 - H301</td>
<td>T;R24/25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 3 - H311</td>
<td>C;R34</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1B - H314</td>
<td>N;R51/53</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 2 - H411</td>
<td></td>
</tr>
</tbody>
</table>
**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

**Inhalation**
General first aid, rest, warmth and fresh air.

**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 clothing. Wash skin thoroughly with soap and 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. Get medical attention if any discomfort continues.

**4.2. Most important symptoms and effects, both acute and delayed**

**Inhalation**
No specific symptoms noted.

**Ingestion**
Harmful if swallowed.

**Skin contact**
Harmful in contact with skin. Skin irritation. May cause an allergic skin reaction.

**Eye contact**
Causes serious eye damage.

**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.

**Specific hazards**
The product is non-combustible. If heated, toxic vapours may be formed.

**5.3. Advice for firefighters**

**Special Fire Fighting Procedures**
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. Absorb with sand or other inert absorbent. 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 5°C and 25°C.

Storage Class

Lagerklasse 12

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

Ingredient Comments
No exposure limits noted for ingredient(s).

8.2. Exposure controls

Respiratory equipment
Use only outdoors or in a well-ventilated area.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Dark Brown</td>
</tr>
<tr>
<td>Odour</td>
<td>Tar acid</td>
</tr>
<tr>
<td>Solubility</td>
<td>Forms an emulsion with water.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range (°C)</td>
<td>ca. 100°C 760 mm Hg</td>
</tr>
<tr>
<td>Melting point (°C)</td>
<td>ca. 0°C</td>
</tr>
<tr>
<td>Relative density</td>
<td>ca. 1.042 @ 20°C</td>
</tr>
<tr>
<td>Vapour density (air=1)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>pH-Value, Conc. Solution</td>
<td>8.0 - 10.0</td>
</tr>
</tbody>
</table>
Jeyes Fluid

Viscosity 40 - 60 cP @ 20°C

Decomposition temperature (°C)
Not applicable.

Odour Threshold, Lower
Not applicable.

Odour Threshold, Upper
Not applicable.

Flash point (°C) > 61°C CC (Closed cup).

Auto Ignition Temperature (°C)
Not applicable.

Flammability Limit - Lower(%)
Not applicable.

Flammability Limit - Upper(%)
Not applicable.

Partition Coefficient (N-Octanol/Water)
Not determined.

Explosive properties
Not applicable.

Other Flammability
Not applicable.

Oxidising properties
Not applicable.

9.2. Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions
There are no known reactivity hazards associated with this product.

10.4. Conditions to avoid
Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid
No specific, or groups of materials are likely to react to produce a hazardous situation.

10.6. Hazardous decomposition products
None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation
No specific health warnings noted.

Ingestion
Harmful if swallowed.

Skin contact
Harmful in contact with skin. Irritating to skin. May cause sensitisation by skin contact.
Eye contact
Causes serious eye damage.

Route of entry
Skin and/or eye contact.

SECTION 12: ECOLOGICAL INFORMATION

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

12.1. Toxicity
Acute Fish Toxicity
Not considered toxic to fish.

12.2. Persistence and degradability
Degradability
The surfactant(s) contained in this preparation comply(ies) 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.

12.3. Bioaccumulative potential
Bioaccumulative potential
No data available on bioaccumulation.
Partition coefficient
Not determined.

12.4. Mobility in soil
Mobility:
Forms an emulsion with 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
The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number
Not applicable.

14.2. UN proper shipping name
Not applicable.

14.3. Transport hazard class(es)
Not applicable.

14.4. Packing group
Not applicable.
14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation

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

Revision Comments
Change to CLP classification

Issued By Rowland Furse / Simon Burt

Revision Date 27/02/2014

Revision 2 - 27/11/2013

Risk Phrases in Full
R21/22 Harmful in contact with skin and if swallowed. R24/25 Toxic in contact with skin and if swallowed. R34 Causes burns. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact. R50 Very toxic to aquatic organisms. R51/S3 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements in Full