



## SAFETY DATA SHEET

### Jeyes 4 in 1 Patio Power

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

##### 1.1. Product identifier

<b>Product name</b>	Jeyes 4 in 1 Patio Power
<b>Product No.</b>	2005969
<b>Internal Id</b>	02013770 (1 - 23/11/2015)
<b>Container size</b>	2 Litre

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Outdoor Cleaner / Disinfectant.

##### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	Jeyes Ltd Brunel Way Thetford Norfolk IP24 1HF UK +44 1842 757575 Contact: Rowland Furse / Simon Burt Email: contact@jeyes.com
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##### 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	Skin Irrit. 2 - H315; Eye Dam. 1 - H318
Environment	Not classified.

###### **Classification (1999/45/EEC)**

Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

###### **Human health**

Causes skin irritation. Causes serious eye damage.

##### 2.2. Label elements

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



###### **Signal Word**

Danger

###### **Hazard Statements**

H315	Causes skin irritation.
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.

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P337+313  
**Supplementary Precautionary Statements**

P302+352  
 P305+351+338

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of soap and water.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**2.3. Other hazards**

Not applicable.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

<b>C12-15 Alcohol ethoxylate 7EO</b>	<b>1-5%</b>
<b>CAS-No.: 68131-39-5</b>	<b>EC No.: 500-195-7</b>
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	Classification (67/548/EEC) Xn;R22. Xi;R41. R52/53.
<b>Di-n-decyl dimethylammonium chloride</b>	<b>1-5%</b>
<b>CAS-No.: 7173-51-5</b>	<b>EC No.: 230-525-2</b>
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) Xn;R22. C;R34. N;R50.
<b>PROPAN-2-OL</b>	<b>&lt; 1%</b>
<b>CAS-No.: 67-63-0</b>	<b>EC No.: 200-661-7</b>
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures****Inhalation**

Not relevant

**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 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.

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

No specific symptoms noted.

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### Ingestion

May cause discomfort if swallowed.

### Skin contact

Skin irritation.

### 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. 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.

### **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**

## Jeyes 4 in 1 Patio Power

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

## 8.2. Exposure controls

### 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

<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless.
<b>Odour</b>	Detergent.
<b>Solubility</b>	Soluble in water.
<b>Initial boiling point and boiling range (°C)</b>	ca. 100°C 760 mm Hg
<b>Melting point (°C)</b>	ca. 0°C
<b>Relative density</b>	0.988 - 1.028 @ 20°C
<b>Vapour density (air=1)</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>pH-Value, Conc. Solution</b>	10.5 - 11.5
<b>Viscosity</b>	300 - 450 cP @ 20°C
<b>Decomposition temperature (°C)</b>	Not applicable.
<b>Odour Threshold, Lower</b>	Not applicable.
<b>Odour Threshold, Upper</b>	Not applicable.
<b>Flash point (°C)</b>	> 61°C CC (Closed cup).
<b>Auto Ignition Temperature (°C)</b>	Not applicable.
<b>Flammability Limit - Lower(%)</b>	Not applicable.
<b>Flammability Limit - Upper(%)</b>	Not applicable.
<b>Partition Coefficient (N-Octanol/Water)</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Other Flammability</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.

### 9.2. Other information

Not available.

## SECTION 10: STABILITY AND REACTIVITY

## Jeyes 4 in 1 Patio Power

### **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**

May cause discomfort if swallowed.

#### **Skin contact**

Irritating to skin.

#### **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 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.

### **12.3. Bioaccumulative potential**

#### **Bioaccumulative potential**

No data available on bioaccumulation.

#### **Partition coefficient**

Not determined.

### **12.4. Mobility in soil**

#### **Mobility:**

The product is soluble in water.

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### 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**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

#### **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.

## Jeyes 4 in 1 Patio Power

**SECTION 16: OTHER INFORMATION****Revision Comments**

This is first issue.

**Issued By** Rowland Furse / Simon Burt

**Revision Date** 15/12/2015

**Revision** 1

**Risk Phrases In Full**

NC Not classified. , R11 Highly flammable , R22 Harmful if swallowed. , R34 Causes burns. , R36 Irritating to eyes. , R41 Risk of serious damage to eyes. , R50 Very toxic to aquatic organisms. , R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. , R67 Vapours may cause drowsiness and dizziness.

**Hazard Statements In Full**

H225 Highly flammable liquid and vapour. , H302 Harmful if swallowed. , H314 Causes severe skin burns and eye damage. , H315 Causes skin irritation. , H318 Causes serious eye damage. , H319 Causes serious eye irritation. , H336 May cause drowsiness or dizziness. , H400 Very toxic to aquatic life. , H410 Very toxic to aquatic life with long lasting effects. , H412 Harmful to aquatic life with long lasting effects.