



# SAFETY DATA SHEET

## PYNOL

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

#### 1.1. Product identifier

Product name PYNOL  
 Product No. A019 EV  
 Internal Id Janitorial - Disinfectant Section

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

Identified uses Disinfectant.

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

Supplier Evans Vanodine International  
 Brierley Road  
 Walton Summit  
 Preston. PR5 8AH  
 Tel: 01772 322 200  
 Fax: 01772 626 000  
 qclab@evansvanodine.co.uk

#### 1.4. Emergency telephone number

New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri      Technical Advice      -  
 8.30am to 4.45pm - 01772 318 818 - Mon to Fri

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

#### 2.2. Label elements

Risk Phrases	NC	Not classified.
Safety Phrases	S2 S46	Keep out of the reach of children. If swallowed, seek medical advice immediately and show this container or label.
	P13	Safety data sheet available for professional user on request.

#### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

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<b>ALCOHOL (C9-11) ETHOXYLATE (8EO)</b>		<b>1-5%</b>
<b>CAS-No.: 68439-46-3</b>	<b>EC No.:</b>	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.	

<b>ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE</b>		<b>1-5%</b>
<b>CAS-No.: 68424-85-1</b>	<b>EC No.: 270-325-2</b>	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R21/22. C;R34. N;R50.	

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

## Composition Comments

The ingredients are present in non-hazardous concentrations.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### **Inhalation**

Not relevant. Inhalation unlikely. In case of inhalation of spray mist: Move person into fresh air and keep at rest.

#### **Ingestion**

DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

#### **Skin contact**

Wash skin with soap and water.

#### **Eye contact**

Promptly wash eyes with plenty of water while lifting the eye lids.

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

#### **General information**

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

#### **Inhalation.**

No specific symptoms noted.

#### **Ingestion**

No specific symptoms noted. But - May cause discomfort if swallowed.

#### **Skin contact**

No specific symptoms noted. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.

#### **Eye contact**

No specific symptoms noted. But prolonged eye contact may lead to the product affecting the natural lubrication provided by the mucous membranes.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

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## **5.1. Extinguishing media**

### **Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

## **5.2. Special hazards arising from the substance or mixture**

### **Specific hazards**

When heated and in case of fire, harmful vapours/gases may be formed.

## **5.3. Advice for firefighters**

### **Protective equipment for fire-fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

No special protective clothing. (See Sec 8)

### **6.2. Environmental precautions**

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### **6.3. Methods and material for containment and cleaning up**

Small quantities may be flushed to drains with plenty of water. Large Spillages: Pick up with vacuum or absorbent solid, store in closed container for disposal.

### **6.4. Reference to other sections**

For personal protection, see section 8.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

No specific usage precautions noted.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: Oxidising material.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

### **Usage Description**

See Product Information Sheet & Label for detailed use of this product.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

#### **Ingredient Comments**

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

#### **Engineering measures**

Not relevant

#### **Respiratory equipment**

Respiratory protection not required.

#### **Hand protection**

No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.

#### **Eye protection**

None required.

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## Other Protection

None required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear Green.
Odour	Pine.
Solubility	Soluble in water.
Initial boiling point and boiling range	100
Melting point (°C)	-1
Relative density	1.000 @ 20 °c
pH-Value, Conc. Solution	10.30
Flash point	Boils without flashing

### 9.2. Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

No particular stability concerns.

### 10.3. Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

#### Materials To Avoid

No incompatible groups noted.

### 10.6. Hazardous decomposition products

No hazardous decomposition products.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Toxicological information

We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. The Toxicological Data, where provided by the raw material manufacturer, can be made available on request.

#### Other Health Effects

Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

## SECTION 12: ECOLOGICAL INFORMATION

#### Ecotoxicity

Not regarded as dangerous for the environment.

### 12.1. Toxicity

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We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

## **12.2. Persistence and degradability**

### **Degradability**

This product, at use dilutions, is readily broken down in biological effluent treatment plants.

## **12.3. Bioaccumulative potential**

### **Bioaccumulative potential**

The product does not contain any substances expected to be bioaccumulating.

## **12.4. Mobility in soil**

### **Mobility:**

Not known.

## **12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

## **12.6. Other adverse effects**

Not known.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

## **SECTION 14: TRANSPORT INFORMATION**

**General** Not classified for Transport.

### **14.1. UN number**

### **14.2. UN proper shipping name**

### **14.3. Transport hazard class(es)**

### **14.4. Packing group**

### **14.5. Environmental hazards**

### **14.6. Special precautions for user**

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

## **SECTION 15: REGULATORY INFORMATION**

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

#### **Guidance Notes**

Workplace Exposure Limits EH40.

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## EU Legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & GHS/CLP-Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

## 15.2. Chemical Safety Assessment

Not applicable this product is a mixture.

## SECTION 16: OTHER INFORMATION

### Information Sources

Material Safety Data Sheet, Misc. manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

### Revision Comments

New Format Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). - No change in Product Classification - Main change is the move of Labelling elements from Section 15 to Section 2 & Section 3 now has a different layout for the Ingredients and lists their classification in both CHIP & CLP format.

**Revision Date** 01/10/12

**Revision** Issue 6

**Safety Data Sheet Status** The Risk Phrases / Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

### Risk Phrases In Full

R34 Causes burns.  
R22 Harmful if swallowed.  
R21/22 Harmful in contact with skin and if swallowed.  
NC Not classified.  
R41 Risk of serious damage to eyes.  
R50 Very toxic to aquatic organisms.

### Hazard Statements In Full

H318 Causes serious eye damage.  
H314 Causes severe skin burns and eye damage.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H400 Very toxic to aquatic life.