



## SAFETY DATA SHEET EPIC POWER

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

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**1.1. Product identifier**

**Product name** EPIC POWER  
**Product number** A174 EV  
**Internal identification** Janitorial - Washroom Hygiene Section

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

**Identified uses** Acidic Descaling Toilet Cleaner and Hard Surface Cleaner for washrooms

**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**

**Emergency telephone** New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri. (Also available 24/7 from our website [www.evansvanodine.co.uk](http://www.evansvanodine.co.uk))      Technical Advice      - 8.30am to 4.45pm  
- 01772 318 818 - Mon to Fri

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**SECTION 2: Hazards identification**

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**2.1. Classification of the substance or mixture****Classification****Physical hazards**

Not Classified

**Health hazards**

Eye Irrit. 2 - H319

**Environmental hazards**

Not Classified

Classification (67/548/EEC or 1999/45/EC)

**2.2. Label elements****Pictogram**

**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.

## EPIC POWER

### Precautionary statements

- P102 Keep out of reach of children.
- P280 Wear eye protection.
- P301 IF SWALLOWED:
- P313 Get medical advice/attention.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with local regulations.

### Contains

ALCOHOL (C9-11) ETHOXYLATE (8EO)

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>SULPHAMIC ACID</b>	<b>5-10%</b>
CAS number: 5329-14-6    EC number: 226-218-8	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Irrit. 2 - H315	Xi;R36/38 R52/53
Eye Irrit. 2 - H319	
Aquatic Chronic 3 - H412	
<b>ALCOHOL (C9-11) ETHOXYLATE (8EO)</b>	<b>1-3%</b>
CAS number: 68439-46-3    EC number: —	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Acute Tox. 4 - H302	Xn;R22. Xi;R41.
Eye Dam. 1 - H318	
<b>TURPENTINE, OIL</b>	<b>&lt;0.1%</b>
CAS number: 8006-64-2    EC number: 232-350-7	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	R10 Xn;R20/21/22,R65 R43 Xi;R36/38 N;R51/53
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	

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

Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

#### Ingestion

Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.

## EPIC POWER

### Skin contact

Wash with plenty of water.

### Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. 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

#### General information

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

#### Inhalation

No specific symptoms known.

#### Ingestion

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

#### Skin contact

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

#### Eye contact

May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

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

#### Notes for the doctor

Treat symptomatically.

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## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

#### Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

#### Specific hazards

Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.

### 5.3. Advice for firefighters

#### Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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## SECTION 6: Accidental release measures

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

#### Personal precautions

Wear eye and face protection. For personal protection, see Section 8.

### 6.2. Environmental precautions

#### Environmental precautions

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

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

#### Methods for cleaning up

Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

#### Reference to other sections

For personal protection, see Section 8.

## EPIC POWER

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Usage precautions

Avoid contact with eyes.

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

##### Storage precautions

Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials. (eg Hypochlorite / Bleach)

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

##### 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

##### Occupational exposure limits

##### TURPENTINE, OIL

Long-term exposure limit (8-hour TWA): WEL 100 ppm 566 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 150 ppm 850 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Not relevant.

##### Eye/face protection

Wear eye protection.

##### Hand protection

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

##### Other skin and body protection

None required.

##### Respiratory protection

Respiratory protection not required.

### SECTION 9: Physical and Chemical Properties

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

##### Appearance

Viscous liquid.

##### Colour

Turquoise

##### Odour

Aqua

##### pH

pH (concentrated solution): 1.30

## EPIC POWER

### Melting point

-1°C

### Initial boiling point and range

101°C @ 760 mm Hg

### Flash point

Boils without flashing.

### Relative density

1.040 @ 20°C

### Solubility(ies)

Soluble in water.

## 9.2. Other information

### Other information

None.

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with alkalis and generates heat.

### 10.2. Chemical stability

#### 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

Concentrated alkaline materials. Chlorine releasing materials will liberate toxic chlorine gas.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological effects

We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

#### Other health effects

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

#### Acute toxicity - oral

##### Notes (oral LD50)

Based on available data the classification criteria are not met.

##### ATE oral (mg/kg)

20,006.86673533

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## SECTION 12: Ecological Information

### Ecotoxicity

Not regarded as dangerous for the environment.

### 12.1. Toxicity

### EPIC POWER

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**

##### **Persistence and degradability**

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

#### **12.3. 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 substances classified as PBT or vPvB.

#### **12.6. Other adverse effects**

Not known.

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### **SECTION 13: Disposal considerations**

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

##### **Disposal 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. Rinse out empty container with water and consign to normal waste.

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### **SECTION 14: Transport information**

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#### **14.1. UN number**

UN No. (ADR/RID)	3264
UN No. (IMDG)	3264
UN No. (ICAO)	3264

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

Proper shipping name (ADR/RID)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphamic acid)
Proper shipping name (IMDG)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphamic acid)
Proper shipping name (ICAO)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphamic acid)
Proper shipping name (ADN)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphamic acid)

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

ADR/RID class	Class 8 : Corrosive Substances.
ADR/RID label	8
IMDG class	Class 8: Corrosive substances.
ICAO class/division	Class 8: Corrosive substances.
ICAO subsidiary risk	
Transport labels	



### EPIC POWER

#### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

EmS F-A, S-B

Emergency Action Code

Hazard Identification Number (ADR/RID)

Tunnel restriction code (E)

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

Not relevant. for a packaged product.

### SECTION 15: Regulatory information

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

##### 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 GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. 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.

##### Guidance

Workplace Exposure Limits EH40.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

### SECTION 16: Other information

#### Key literature references and sources for data

Material Safety Data Sheet, Misc. manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling 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. ECHA - C&L Inventory database.

#### Revision comments

This product is now using classification from GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Revision date 05/02/2015

Revision Issue 4

SDS 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

## EPIC POWER

NC Not classified.

R10 Flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R22 Harmful if swallowed.

R36/38 Irritating to eyes and skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

### Hazard statements in full

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.