



## SAFETY DATA SHEET H.S.C. HARD SURFACE CLEANER

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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** H.S.C. HARD SURFACE CLEANER  
**Product number** A035 EV  
**Internal identification** Janitorial - HSC Section

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

**Identified uses** Alkaline Liquid Hard surface cleaner

**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**

Skin Irrit. 2 - H315 Eye Dam. 1 - H318

**Environmental hazards**

Not Classified

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

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

**Signal word** Danger

**Hazard statements**

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H315 Causes skin irritation.

H318 Causes serious eye damage.

**Precautionary statements**

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 IF SWALLOWED:

P313 Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 If skin irritation occurs: 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.

P315 Get immediate medical advice/attention.

P501 Dispose of contents/container in accordance with local regulations.

**Contains**

ALCOHOL (C9-C11) ETHOXYLATE (6EO), COCAMIDOPROPYL BETAINE , 2-AMINOETHANOL

**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**

ALCOHOL (C9-C11) ETHOXYLATE (6EO) CAS number: 68439-45-2 EC number: —	1-3%
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. Xi;R41.
COCAMIDOPROPYL BETAINE CAS number: 61789-40-0 EC number: 263-058-8	1-3%
<b>Classification</b> Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R41.
2-AMINOETHANOL CAS number: 141-43-5 EC number: 205-483-3 REACH registration number: 01-2119486455-28	1-3%
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314 STOT SE 3 - H335	<b>Classification (67/548/EEC or 1999/45/EC)</b> C;R34 Xn;R20/21/22

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.

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### Skin contact

Wash with plenty of water. Get medical attention if irritation persists after washing.

### Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention immediately.

### 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

Irritation of nose, throat and airway.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

Causes skin irritation. Prolonged and frequent contact may cause redness and irritation.

#### Eye contact

Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.

### 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

### 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

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

#### Personal precautions

Wear protective clothing, gloves, 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.

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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

#### Usage precautions

Wear protective clothing, gloves, eye and face protection.

### 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.

### 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.

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## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### 2-AMINOETHANOL

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 3 ppm 7.6 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Not relevant.

#### Eye/face protection

Wear eye protection.

#### Hand protection

Wear protective gloves. (Household rubber gloves.)

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

#### Respiratory protection

Respiratory protection not required.

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## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Clear liquid.

#### Colour

Yellow.

#### Odour

Citrus.

#### pH

pH (concentrated solution): 10.60

## H.S.C. HARD SURFACE CLEANER

**Melting point**

-1°C

**Initial boiling point and range**

101°C @ 760 mm Hg

**Flash point**

Boils without flashing.

**Relative density**

1.006 @ 20°C

**Solubility(ies)**

Soluble in water.

**9.2. Other information**

**Other information**

None.

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**SECTION 10: Stability and reactivity**

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**10.1. Reactivity**

There are no known reactivity hazards associated with this product.

**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**

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

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**SECTION 11: Toxicological information**

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**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)**

12,580.86248907

**Acute toxicity - dermal**

**Notes (dermal LD50)**

Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)**

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72081.57524613

### **Acute toxicity - inhalation**

#### **Notes (inhalation LC50)**

Based on available data the classification criteria are not met.

#### **ATE inhalation (vapours mg/l)**

710.26722925

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## **SECTION 12: Ecological Information**

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### **Ecotoxicity**

Not regarded as dangerous for the environment.

### **12.1. Toxicity**

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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**General** Not classified for Transport.

### **14.1. UN number**

UN No. (ICAO)

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

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

ADR/RID label

ICAO class/division

ICAO subsidiary risk

### **14.4. Packing group**

ADR/RID packing group

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ICAO packing group

**14.5. Environmental hazards**

**14.6. Special precautions for user**

EmS

Emergency Action Code

Hazard Identification Number  
(ADR/RID)

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

Not relevant. for a packaged product.

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**SECTION 15: Regulatory information**

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**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.

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**SECTION 16: Other information**

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**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** 23/09/2014

**Revision** Issue 6

**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**

- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R22 Harmful if swallowed.
- R34 Causes burns.
- R36/38 Irritating to eyes and skin.
- R37 Irritating to respiratory system.
- R41 Risk of serious damage to eyes.

**Hazard statements in full**

### **H.S.C. HARD SURFACE CLEANER**

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.