

## SAFETY DATA SHEET

### Vinyl Heavy Duty Cleaner

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

##### 1.1. Product identifier

**Product name** Vinyl Heavy Duty Cleaner  
**Internal identification** 010475, 010402X5

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

**Identified uses** Heavy Duty Vinyl floor cleaner

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

**Supplier** British Harlequin plc  
 Festival House  
 Chapman Way  
 Tunbridge Wells  
 Kent  
 TN2 3EF  
 01892 514888  
  
 enquiries@harlequinfloors.com

##### 1.4. Emergency telephone number

**Emergency telephone** In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319  
**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Hazard pictograms



**Signal word** Warning  
**Hazard statements** H315 Causes skin irritation.  
 H319 Causes serious eye irritation.

**Precautionary statements** P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P332+P313 If skin irritation occurs: Get medical advice/ attention.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.



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**Supplementary precautionary statements**

P102 Keep out of reach of children.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P402+P404 Store in a dry place. Store in a closed container.  
 P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>2-(2-BUTOXYETHOXY)ETHANOL</b>	<b>1-5%</b>
CAS number: 112-34-5	EC number: 203-961-6
	REACH registration number: 01-2119475104-44-XXXX

##### Classification

Eye Irrit. 2 - H319

<b>2-AMINOETHANOL</b>	<b>1-5%</b>
CAS number: 141-43-5	EC number: 205-483-3
	REACH registration number: 01-2119486455-28-XXXX

##### Classification

Acute Tox. 4 - H302  
 Acute Tox. 4 - H312  
 Acute Tox. 4 - H332  
 Skin Corr. 1B - H314  
 Eye Dam. 1 - H318  
 STOT SE 3 - H335

<b>ETHANOL</b>	<b>1-5%</b>
CAS number: 64-17-5	EC number: 200-578-6
	REACH registration number: 01-2119457610-43-XXXX

##### Classification

Flam. Liq. 2 - H225

The full text for all hazard statements is displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

**Inhalation** If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air at once. No special treatment required.

**Ingestion** Give plenty of water to drink. Give milk instead of water if readily available. Get medical attention if a large quantity has been ingested. If in doubt, get medical attention promptly.

**Skin contact** Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if symptoms are severe or persist after washing.

**Eye contact** Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention if symptoms are severe or persist after washing.

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



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<b>General information</b>	The product is considered to be a low hazard under normal conditions of use.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No adverse effects known. May cause discomfort.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Irritating to eyes. May cause discomfort.

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

<b>Notes for the doctor</b>	No specific recommendations.
<b>Specific treatments</b>	Treat symptomatically.

## 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

<b>Specific hazards</b>	None known.
<b>Hazardous combustion products</b>	Irritating gases or vapours.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Fight fire with normal precautions from a reasonable distance. Avoid breathing fire gases or vapours.
<b>Special protective equipment for firefighters</b>	Use protective equipment appropriate for surrounding materials. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with eyes and prolonged skin contact. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge to the aquatic environment.

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

**Methods for cleaning up** Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Discharge of small quantities to the sewer with plenty of water may be permitted.

### 6.4. Reference to other sections

**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

<b>Usage precautions</b>	For professional users only. Avoid contact with eyes and prolonged skin contact.
<b>Advice on general occupational hygiene</b>	Wash contaminated skin thoroughly after handling.

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



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<b>Storage precautions</b>	Keep only in the original container. Keep container tightly sealed when not in use. Store at temperatures between 0°C and 40°C.
<b>Storage class</b>	Chemical storage.
<b>7.3. Specific end use(s)</b>	
<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### 2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

##### 2-AMINOETHANOL

Long-term exposure limit (8-hour TWA): WEL 3 ppm 7.6 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 6 ppm 15 mg/m<sup>3</sup>

##### ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

No specific ventilation requirements.

##### Eye/face protection

Wear eye protection. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

##### Hand protection

Wear protective gloves. To protect hands from chemicals, gloves should comply with European Standard EN374.

##### Hygiene measures

Wash contaminated skin thoroughly after handling.

##### Respiratory protection

No specific requirements are anticipated under normal conditions of use.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Fluorescent. Yellow.
<b>Odour</b>	Almost odourless.
<b>pH</b>	pH (concentrated solution): 11.3
<b>Initial boiling point and range</b>	100°C @ 760 mm Hg
<b>Flash point</b>	Not applicable.
<b>Relative density</b>	~ 1.013 @ 20°C



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<b>Solubility(ies)</b>	Soluble in water.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Non-viscous.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

<b>Refractive index</b>	7 - 8
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, no hazardous reactions will occur.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	20,833.33
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#### Acute toxicity - dermal

<b>ATE dermal (mg/kg)</b>	45,833.33
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#### Acute toxicity - inhalation

<b>ATE inhalation (gases ppm)</b>	187,500.0
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<b>ATE inhalation (vapours mg/l)</b>	458.33
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<b>ATE inhalation (dusts/mists mg/l)</b>	62.5
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#### Skin corrosion/irritation

<b>Skin corrosion/irritation</b>	Causes skin irritation.
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<b>Extreme pH</b>	Moderate pH (> 2 and < 11.5).
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### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

**Medical considerations** Skin disorders and allergies. Pre-existing eye problems.

## SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

### 12.1. Toxicity

**Toxicity** The product is not believed to present a hazard due to its physical nature.

### 12.2. Persistence and degradability

**Persistence and degradability** Moderately biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

### 12.4. Mobility in soil

**Mobility** The product is miscible with water and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

**General** The product is not covered by international regulations 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)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards



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### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## 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) (as amended).  
Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products (as amended).  
Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products (as amended).  
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).  
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 (as amended).  
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

#### Guidance

EH40/2005 Workplace exposure limits  
Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)  
Health and Safety Executive

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: Other information

Issued by	Regulatory Chemist
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SDS number	21445



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### Hazard statements in full

H225 Highly flammable liquid and vapour.  
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.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.