

# JOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

43081 - 43084

18/01/07

## POLYCELL BRUSH CLEANER

### 1. IDENTIFICATION OF THE PRODUCT AND COMPANY

**Product name:** Polycell Brush Cleaner

**Stock Codes:** 43081 to 43084

**Intended Use:** Repairing, preparing or decorating building surfaces, as directed on the container.

**Supplied by:** ICI Polycell Trade,  
ICI Paints, Wexham Road, Slough, SL2 5DS  
Tel: 0870 242 1100  
Emergency Telephone: Slough (01753) 550000

**Distributor:** John Astley & Sons Ltd,  
Renown Avenue,  
Coventry Business Park,  
Coventry, CV5 6UF  
Tel: (024) 7685 4545. Fax: (024) 7685 4515. E-mail: sales@astleys.co.uk

### 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Substances presenting a health or environmental hazard within the meaning of the CHIP Regulations or which are assigned occupational exposure limits.

Hazardous ingredients.	EINECS No.	Content	Classification*
Naphtha Hydrodesulf. Heavy	265-185-4	50-100%	XnN; R65, 66, 51/53
Isotridecanoethoxylate	Unavailable	< 2.5%	Xi; R36, 41

\* The text for Risk phrases shown above is given in section 16.

### 3. HAZARDS IDENTIFICATION OF THE PREPARATION

This product has been assessed under the Dangerous Preparations Directive (88/379/EEC) and is classified as follows:

**Classification:**

Xn	Harmful
R-10	Flammable
N	Dangerous For The Environment
R-51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R-65	Harmful: may cause lung damage if swallowed.
R-66	Repeated exposure may cause skin dryness or cracking.

Information on Occupational Exposure Limits is given in Section 8.

### 4. FIRST AID MEASURES

**General:** In all cases of doubt, or where symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position. Seek medical advice.

**Eye Contact:** Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding lids apart. Seek medical advice.

**Skin Contact:** Remove contaminated clothing, wash skin thoroughly with soap and water, or use a proprietary skin cleaner. Do not use solvents or thinners. Seek medical advice if symptoms persist.

**Ingestion:** If accidentally Swallowed, DO NOT INDUCE VOMITING. Keep at rest and obtain medical advice.

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### 5. FIRE FIGHTING MEASURES

- Suitable Extinguishers:** Recommended - alcohol resistant foam, CO<sub>2</sub>, powders.
- Not to be used:** Water-Jet.
- Recommendations:** Fire will produce dense black smoke.  
Exposure to decomposition products may cause health hazard.  
Fire fighters should wear self-contained breathing apparatus.  
Closed containers exposed to fire should be cooled with water.  
Do not allow run off from fire fighting to enter watercourses.

### 6. ACCIDENTAL RELEASE MEASURES

- Safety Precautions:** Exclude non-essential personnel.  
Exclude sources of ignition and ventilate the area. Avoid breathing vapours.  
Refer to protective measures listed in section 8.
- Clean up Procedure:** Contain and collect spillage with non-combustible absorbent materials e.g. sand, earth, vermiculite or diatomaceous earth, and place in container for disposal according to local regulations (see section 13).
- Environmental Precautions:** Do not allow product to enter drains or watercourses. Clean preferably with a detergent, avoid using solvents. If the product contaminates rivers lakes, or sewages inform appropriate authorities in accordance with local regulations.

### 7. HANDLING & STORAGE

- Handling Conditions:** Vapours are heavier than air and may spread along floors.  
They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.  
In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected by the appropriate standard.  
Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of vapour and mist. Smoking, eating and drinking should be prohibited in storage and use areas. For personal protective equipment see Section 8. Always keep in containers made of the same material as the supply container, or in containers that are compatible with the product. The accumulation of contaminated rags may result in spontaneous combustion. Good housekeeping standards and regular safe removal of waste materials will minimise the risks of spontaneous combustion and other fire hazards.
- Storage Conditions:** Observe the label precautions. Store in a cool, dry, well-ventilated place away from sources of heat, ignition and direct sunlight.  
No smoking. Prevent unauthorised access. Containers, which are opened, should be properly resealed and kept upright to prevent leakage. Do not use or store any paint container by hanging on a hook.  
The Manual Handling Operations Regulations 1993 may apply to the handling of certain Paint Products. Products packed in containers of 5 litres and above will be marked with a guide weight; refer to these weights when carrying out an assessment.  
For flash points between 21 and 32 degrees Celsius store in accordance with the Highly Flammable Liquids and Liquefied Petroleum Gas Regulations 1972. The principles contained in the HSE guidance note Storage of Packaged Dangerous Substances, should be observed when storing this product. Store separately from oxidising agents, strongly alkaline and strongly acidic materials, amines, alcohols and water.
- Specific Use(s):** Where applicable refer to the product label and literature for the application and use instructions.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values.

Hazardous Ingredient	LTEL(8hr TWA) ppm mg/m <sup>3</sup>	STEL ppm mg/m <sup>3</sup>	Notes
Naphtha Hydrodesulf. Heavy	600		OEL

OEL	-	Occupational Exposure Limits (HSE Guidance Note EH40)
LTEL	-	Long term Exposure Limit. TWA - Time weighted Average
STEL	-	Short term Exposure Limit (15mins)

Further guidance on OELs and assessment of occupational exposure to harmful materials (including mixed exposures) is given in HSE Guidance Note EH40.

**Exposure controls:** Before commencing work, ensure that a COSHH Assessment has been carried out. All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of local regulations.

**Respiratory protection:** Avoid the inhalation of dusts or vapours during all operations, such as mixing, application and sanding. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general ventilation. If this is not sufficient to maintain concentrations of particulates and vapours below the occupational exposure limit, respiratory protection must be worn. The selection of respiratory equipment should be in accordance with BS 4275. Recommendations for the selection, use and maintenance of Respiratory Equipment, and the current certificates of approval are issued annually by the Health and Safety Executive.

For solvent-based products, consider using water-based products as alternatives, where equivalent products exist. Work only in places of good ventilation. Inside always keep doors and windows fully open during application and drying. When applying solvent-based products by brush or roller to large surface areas inside, or using in small confined spaces, the wearing of air supplied breathing apparatus will always be necessary. When applying for short periods only, a cartridge mask may be worn providing the filter is changed regularly. Do not spray any product unless directed to do so on the container. The principal hazards associated with paint spraying are health hazard from inhalation of vapours and spray mist, and fire risk. When applying water-based paints by spray inside or in confined spaces, wearing a cartridge mask of Assigned Protection Factor 40 x OEL for particulates is recommended. This should be confirmed by your COSHH assessment. Contact your merchant about masks. When applying solvent-based paints by spray, in case of insufficient ventilation, the wearing of air-fed respiratory equipment will always be necessary. Refer to your COSHH assessment. When spraying solvent based products it is possible to build up an explosive or flammable atmosphere: refer to Guidance Note EH9 from the HSE for advice on good practice. All respiratory equipment must be suitable for the purpose and meet an appropriate standard approved by the HSE.

Refer to BS4275.

**Hand protection:** Wear suitable gloves for protection against materials in section 2. When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed.

**Eye protection:** Eye protection designed to protect against liquid splashes should be worn.

**Skin protection:** Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

**Hygiene Measures:** Always wash thoroughly after handling chemicals.

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**Flattening:** Protective gloves should be worn to avoid the risk of skin irritation. When surfaces are to be prepared for painting, account should be taken of the age of the property and the possibility that lead pigmented paint might be present. There is a possibility that ingestion or inhalation of scrapings or dust arising from the preparation work could cause health effects. As a working rule you should assume that this will be the case if the age of the property is pre 1960.

See document '45000 Lead in previously painted surfaces.'

**Environmental Exposure Controls:** See section 12 for detailed information.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Specific gravity:** 0.79 g/cm<sup>3</sup>  
**Flash point:** 39°C  
**Explosion limits:** Lower – approx. 0.8%, Upper – No information  
**Water miscible:** Yes  
**Colour:** Blue  
**Product odour:** White spirit  
**pH:** No information

### 10. STABILITY AND REACTIVITY

**Condition to avoid:** Extremes of temperature. To prevent the creation of flammable concentrations of vapour in air, good natural ventilation, and if necessary, local exhaust ventilation, should be provided. The accumulation of dry overspray, contaminated rags, etc may result in spontaneous combustion. Good housekeeping standards plus the regular and safe removal of waste materials will minimise the risk.

**Materials to avoid:** Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

**Hazardous Decomposition products:** When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke and oxides of nitrogen.

### 11. TOXICOLOGICAL INFORMATION

**Classification:** There is no available data on this product itself. The product has been assessed following the conventional method in the CHIP Regulations and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. See Sections 3 and 15 for details of the resulting hazard classification.

**Adverse health effects:** Over-exposures of vapour are irritating to eyes and respiratory system. Excessive concentrations may produce effects on the central nervous system including drowsiness. In extreme cases loss of consciousness may result. Long term exposure to vapour concentrations in excess of quoted OELs may result in adverse health effects. Splashes entering the eye will cause discomfort and possible damage. Prolonged contact with the skin may have a defatting effect which may lead to skin irritation and in some cases dermatitis.

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### 12. ECOLOGICAL INFORMATION

- Mobility:** There is no specific data available on the product itself.  
The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters.  
The air pollution control requirements of regulations made under the Environmental Protection Act may apply to the use of the product.
- Environment:** Products classified as Marine Pollutants are indicated as such in section 14.  
Products classified as Dangerous For the Environment are indicated as such in sections 3 and 15.

### 13. DISPOSAL CONSIDERATIONS

- Substance / Container:** Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with the regulations made under the Control of Pollution Act and the Environmental Protection Act.  
Using information provided in this safety data sheet, advice should be obtained from the relevant environment agency whether the Special Waste Regulations apply.

### 14. TRANSPORT INFORMATION

- Classification:** The IMDG Classification in this section may not be valid for shipments to the USA or Canada from January 1st 2002. Please refer to the contact address in section 16 of this Safety Data Sheet for more information regarding IMDG classifications if shipping to USA or Canada after this date.  
The transport classifications provided in this section are only valid for products supplied in receptacles with a capacity of less than 450 litres.  
The transport classifications provided in this section are not valid for transport by Air. Please Telephone: Slough (01753) 550000 to obtain more information on this products classification for Air transport.

- UN number:** 1993      **Packing group:** III
- ADR/RID Class:** 3      **Item:** 31c      **ICI Tremcard:** ICI-957
- IMDG Class:** 3      **MFAG:** N/A      **EMS:** No information
- Hazard Labels:** Flammable liquid.      \*\*\* Marine pollutant \*\*\*

### 15. REGULATORY INFORMATION

This product has been assessed under the CHIP Regulations and is classified as follows:

- Named Substances:** Nil
- Hazard Classification:** Xn: Harmful.    N: Dangerous for the environment
- Warning Label Phrases:**
- |         |   |
|---------|---|
| R-10    | Flammable.  |
| R-51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.             |
| R-65    | Harmful: may cause lung damage if swallowed.  |
| R-66    | Repeated exposure may cause skin dryness or cracking.   |
| S-2     | Keep out of the reach of children.  |
| S-17    | Keep away from combustible material.  |
| S-23    | Do not breathe vapour/spray   |
| S-24    | Avoid contact with skin.  |
| S-29    | Do not empty into drains.   |
| S-43(A) | In case of fire use foam, dry powder, AFFF, CO <sub>2</sub> - Never use water.                          |
| S-46    | If swallowed seek medical advice immediately and show this container or label.                          |
| S-51    | Use only in well ventilated areas.  |
| S-61    | Avoid release to the environment. Refer to special instructions/Safety data sheets.                     |
| S-62    | If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. |

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### 16. OTHER INFORMATION

**Text of Risk phrases listed in section 2:**

R-36	Irritating to eyes.
R-41	Risk of serious damage to eyes.
R-51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R-65	Harmful: may cause lung damage if swallowed.
R-66	Repeated exposure may cause skin dryness or cracking.

The information in this safety data sheet is required in pursuant to the CHIP Regulations.

**Other Reference:** The Control of Substances Hazardous to Health Regulations(COSSH).

This information is not a specification. It does not guarantee specific properties. The information is intended to provide general guidance for health and safety, based upon our knowledge of the handling, storage and use of the product.

Recipients of this Safety Data Sheet must make their own assessment of the work place risk as required by other Health & Safety legislation.

**NEED SOME HELP?** We will be pleased to answer any specific enquiries regarding the safe use, storage and handling of this product.

Please contact: Customer Care Centre, ICI Paints, Wexham Road, Slough, Berkshire, SL2 5DS, UK.

Telephone: Slough (01753) 550555

[www.plycell.co.uk](http://www.plycell.co.uk)

ICI Paints in the UK is part of Imperial Chemical Industries PLC and a member of the ICI Paints World Group.

Registered in England No. 218019 Registered Office 20 Manchester Square London W1U 3AN.

The information contained in this SDS is to the best of our knowledge true and accurate but all data instructions, recommendations or suggestions are made without guarantee.

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