

# Safety Data Sheet

## PVC MEMBRANE CLEANER

Membrane Cleaner

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

#### 1.1 Product identifier

<b>Product name</b>	PVC MEMBRANE CLEANER
<b>Product number</b>	EC2006
<b>Synonyms; trade names</b>	PARKSOL D75
<b>REACH registration number</b>	01-2119484819-18-0043
<b>CAS number</b>	64742-47-8

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

<b>Identified uses</b>	Cleaning agent.
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#### 1.3 Details of the supplier of the safety data sheet

<b>Supplier:</b>	Axter Ltd, Harbour Landing, Fox's Marina, The Strand, Wherstead, Ipswich IP2 8NJ Tel: +44 (0) 1473 724056 Email: <a href="mailto:info@axterltd.co.uk">info@axterltd.co.uk</a> Website: <a href="http://www.axter.co.uk">www.axter.co.uk</a>
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- 1.4 Emergency telephone:** Axter Ltd - +44 (0) 1473 724056  
(this line is open from 8.00 am to 5.30 pm, Monday to Friday).  
In the event of a medical enquiry involving this product, members of the public should contact:  
NHS 111  
a doctor or  
a local hospital accident and emergency department.  
The NPIS (National Poisons Information Service) helpline is available for enquiries from medical professionals only.  
Tel: 0344 892 0111 892 0111

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (EC 1272/2008)

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Asp. Tox. 1 - H304
<b>Environmental hazards</b>	Not Classified

### 2.2. Label elements

**EC number** 265-149-8

#### Pictogram



**Signal word** Danger

**Hazard statements** H304 May be fatal if swallowed and enters airways.

**Precautionary statements**  
P260 Do not breathe vapours.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P301+P310 IF SWALLOWED: Immediately call a Poison Centre/ doctor.  
P331 Do NOT induce vomiting.  
P501 Dispose of contents/ container in accordance with national regulations.

#### Supplementary precautionary statements

P405 Store locked up.

### 2.3. Other hazards

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT;		60-100%
Kerosine - UNSPECIFIED		
CAS number: 64742-47-8	EC number: 265-149-8	REACH registration number: 01-2119484819-18-0009
<b>Classification</b> Asp. Tox. 1 - H304		

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

## Section 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove affected person from source of contamination.  
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Never give anything by mouth to an unconscious person.

#### Inhalation

Remove affected person from source of contamination.  
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

#### Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. Get medical attention immediately.

#### Skin contact

Remove contaminated clothing and rinse skin thoroughly with water. Rinse with water. Get medical attention if any discomfort continues.

#### 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. Get medical attention promptly if symptoms occur after washing.

### 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.

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

## Section 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water spray, fog or mist. Extinguish with foam, carbon dioxide, dry powder or water fog.

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** Heating may generate flammable vapours.

**Hazardous combustion products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Keep up-wind to avoid fumes. Cool containers exposed to flames with water until well after the fire is out. Contain and collect extinguishing water. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters** Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## Section 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Ensure suitable respiratory protection is worn during removal of spillages in confined areas. Use suitable respiratory protection if ventilation is inadequate. Take precautionary measures against static discharges. No smoking, sparks, flames or other sources of ignition near spillage. Do not breathe vapour. Avoid contact with eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

### 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. Avoid or minimise the creation of any environmental contamination. Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** If leakage cannot be stopped, evacuate area. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Absorb spillage with non-combustible, absorbent material.

### 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

#### Usage precautions

Keep away from heat, sparks and open flame. Avoid eating, drinking and smoking when using the product. Vapours may accumulate on the floor and in low-lying areas. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

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

#### Storage precautions

Keep container tightly closed. Keep only in the original container.

#### Storage class

Miscellaneous hazardous material storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

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

## Section 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

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

#### **DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED**

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m<sup>3</sup>  
WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

#### Other skin and body protection

Provide eyewash station. Wear apron or protective clothing in case of contact.

#### Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

**Respiratory protection**

If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

**Environmental exposure controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Section 9: Physical and Chemical Properties****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Colourless liquid.
<b>Colour</b>	Various colours.
<b>Odour</b>	No characteristic odour.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	200-260°C @ 760 mm Hg
<b>Flash point</b>	>70°C CC (Closed cup).
<b>Evaporation rate</b>	Not available.
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.6 Upper flammable/explosive limit: 7.0
<b>Other flammability</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	0.81 @ 15°C
<b>Bulk density</b>	Not available.
<b>Solubility(ies)</b>	Immiscible with water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	>200°C
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	1.7x10 <sup>-6</sup> m <sup>2</sup> /s @ 40°C
<b>Explosive properties</b>	Not available.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not available.
<b>Comments</b>	Information given is applicable to the product as supplied.

**9.2. Other information**

<b>Other information</b>	No information required.
<b>Refractive index</b>	Not available.
<b>Particle size</b>	Not available.
<b>Molecular weight</b>	Not available.
<b>Volatility</b>	Not available.
<b>Saturation concentration</b>	Not available.
<b>Critical temperature</b>	Not available.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 859 g/litre.

**Section 10: Stability and reactivity****10.1. Reactivity****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>	Not determined. Will not polymerise. Avoid heat. Avoid contact with acids and alkalis. Avoid heat.
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**10.4. Conditions to avoid**

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
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**10.5. Incompatible materials**

<b>Materials to avoid</b>	Strong oxidising agents.
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**10.6. Hazardous decomposition products**

<b>Hazardous decomposition products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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**Section 11: Toxicological information****11.1. Information on toxicological effects**

<b>Serious eye damage/irritation</b>	
<b>Serious eye damage/irritation</b>	Slightly irritating.

**Toxicological information on ingredients.****DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED**

<b>Serious eye damage/irritation</b>	
<b>Serious eye damage/irritation</b>	Slightly irritating.

## Section 12: Ecological Information

### Ecotoxicity

The product is not expected to be hazardous to the environment.

### Ecological information on ingredients.

#### **DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED**

### Ecotoxicity

The product is not expected to be hazardous to the environment.

### 12.1. Toxicity

#### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: >1000 mg/l, Fish

#### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: >250 mg/l, Daphnia magna

#### Acute toxicity - aquatic plants

IC<sub>50</sub>, 72 hours: >20 mg/l, Algae

### Ecological information on ingredients.

#### **DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED**

#### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: >1000 mg/l, Fish

#### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: >250 mg/l, Daphnia magna

#### Acute toxicity - aquatic plants

IC<sub>50</sub>, 72 hours: >20 mg/l, Algae

### 12.2. Persistence and degradability

#### Persistence and degradability

The product is biodegradable but it must not be discharged into drains without permission from the authorities.

### Ecological information on ingredients.

#### **DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED**

#### Persistence and degradability

The product is biodegradable but it must not be discharged into drains without permission from the authorities.

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

The product is not bioaccumulating.

#### Partition coefficient

Not available.

### Ecological information on ingredients.

#### **DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED**

#### Bioaccumulative potential

The product is not bioaccumulating.

### 12.4. Mobility in soil

#### Mobility

Mobile. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

### Ecological information on ingredients.

#### **DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED**

#### Mobility

Mobile. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

### 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.

### Ecological information on ingredients.

#### **DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED**

#### 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.**Ecological information on ingredients.****DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED****Other adverse effects** None known.**Section 13: Disposal considerations****13.1. Waste treatment methods****General information**

Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**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****14.1. General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.2. UN number**

Not applicable

**14.3. UN proper shipping name**

Not applicable

**14.4. Transport hazard class(es)**

No transport warning sign required.

**14.5. Packing group**

Not applicable

**14.6. Environmental hazards****Environmentally hazardous substance/marine pollutant**

No

**14.7. Special precautions for user**

Not applicable

**14.8. Transport in bulk according to Annex II of MARPOL and the IBC Code****Transport in bulk according to Annex II of MARPOL 73/78**

Not applicable

**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**Health and Safety at Work etc. Act 1974 (as amended).  
The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU legislation**

Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.  
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).

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**Section 16: Other information**

<b>Revision date</b>	06/08/2020
<b>Revision</b>	20
<b>Supersedes date</b>	06/02/2019
<b>Hazard statements in full</b>	H304 May be fatal if swallowed and enters airways.
<b>Store Between</b>	5°C - 25°C
<b>Contains SVHC</b>	NO

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