

**SAFETY DATA SHEET**

**ODOURLESS PARTS WASHER SOLVENT**

**1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**Product name:** ODOURLESS PARTS WASHER SOLVENT (KEROSENE)  
**REACH Registration number:** 01-2119456620-43-xxxx  
**EC No.** 926-141-6  
**Relevant identified uses of the substance or mixture**  
**Identified uses:** Organic solvent  
 Process oil  
**Supplier of Data Sheet:** Pure Clean Waste Solutions Ltd  
 Old Moor Road,  
 Bredbury,  
 Stockport,  
 SK6 2QE  
**Tel:** 0161 430 5390  
**Fax:** 0161 406 9723  
**Email:** support@pcws.co.uk  
**Emergency Tel:** 0161 430 5390

**2 HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**  
**Classification (EC 1272/2008)**  
**Physical and Chemical Hazards:** Not classified  
**Human health:** EUH066; Asp. Tox. 1 - H304  
**Environment:** Not classified  
**Classification (1999/45/EEC):** Xn; R65. R66  
 The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.  
**Label elements**  
**EC No.:** 926-141-6  
**Contains:** Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic, <2% aromatics  
**Label In Accordance With (EC) No. 1272/2008**



**Signal Word:** Danger  
**Hazard Statements:** H304 May be fatal if swallowed and enters airways.  
**Precautionary Statements:** P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P331 Do NOT induce vomiting.  
**Supplemental label information:** EUH066 Repeated exposure may cause skin dryness or cracking.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic, <2% aromatics 55-100%  
 CAS-No.: EC No.: 926-141-6 Registration Number: 01-2119456620-43-xxxx

Classification (EC 1272/2008)	Classification (67/548/EEC)
EUH066	Xn; R65.
Asp. Tox. 1 - H304	R66.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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## FIRST AID MEASURES

<b>General information:</b>	In case of serious or persistent conditions, call a doctor or emergency medical care.
<b>Skin contact:</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact:</b>	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
<b>Ingestion:</b>	DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Inhalation:</b>	Move the exposed person to fresh air at once. General first aid, rest, warmth and fresh air.
<b>Most important symptoms and effects, both acute and delayed</b>	
Skin contact:	Prolonged contact may cause redness, irritation and dry skin.
Eye contact:	May cause temporary eye irritation.
Ingestion:	Harmful if swallowed. The product may enter the lungs due to its low viscosity, and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours). May cause discomfort if swallowed. Nausea, vomiting. Central nervous system depression.
Inhalation:	Upper respiratory irritation. Irritation of nose, throat and airway. Nausea, vomiting. Unconsciousness and convulsions can occur.
<b>Indication of any immediate medical attention and special treatment needed</b>	
Treat symptomatically.	

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## FIRE-FIGHTING MEASURES

<b>Extinguishing media:</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable extinguishing media:</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Special hazards arising from the substance or mixture</b>	
<b>Hazardous combustion products:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
<b>Advice for firefighters</b>	
<b>Special Fire Fighting Procedures:</b>	Water spray should be used to cool containers. Keep run-off water out of sewers and water sources. Dike for water control.
<b>Protective equipment for fire-fighters:</b>	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

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## ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Do not smoke, use open fire or other sources of ignition.
<b>Environmental precautions:</b>	Contain spillages with sand, earth or any suitable adsorbent material. Do not allow to enter drains, sewers or watercourses. Inform the relevant authorities if this occurs.
<b>Clean-up procedures:</b>	Dam and absorb spillages with sand, earth or other non-combustible material. Collect in containers and seal securely. Flush area with water. For waste disposal contact Pure Clean Waste Solutions Ltd to dispose of contaminated absorbent material in line with regulations – see section 13.

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## HANDLING AND STORAGE

<b>Usage Precautions:</b>	Avoid contact with skin and eyes. Avoid inhalation of vapours and spray mists. Provide good ventilation. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Storage tanks and other containers must be grounded. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.
<b>Storage Precautions:</b>	Keep away from heat, sparks and open flame. Ground container and transfer equipment to eliminate static electric sparks. Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from: Acids. Oxidising material. Suitable containers: mild steel, stainless steel.
<b>Usage Description:</b>	Storage tanks must be positioned within a bunded area.

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**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Name	Std	TWA - 8 Hrs	TWA - 8 Hrs	Notes
ODOURLESS KEROSENE	OEL		1200 mg/m3	

**Ingredient Comments:** OEL = Occupational Exposure Limit.  
According to information provided, the product does not have any harmful effects if it is used and handled as specified.


**Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic, <2% aromatics**  
According to information provided, the product does not have any harmful effects if it is used and handled as specified.


**Protective Equipment**

**Process conditions:** Provide eyewash, quick drench. Use engineering controls to reduce air contamination to permissible exposure level.

**Engineering Measures:** Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**Respiratory Equipment:** At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used.

**Hand Protections:** Use suitable protective gloves if risk of skin contact. Gloves are recommended for prolonged use. Nitrile. Polyvinyl alcohol (PVA). Viton rubber (fluor rubber). 

**Eye Protection:** Wear splash-proof eye goggles to prevent any possibility of eye contact. 

**Other Protection:** Wear suitable protective clothing as protection against splashing or contamination.

**Hygiene Measures:** Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke.

**Environmental Exposure Controls:** Avoid release to the environment.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Liquid

**Colour:** Colourless

**Odour:** Odourless or No characteristic odour.

**Solubility:** Emulsible in water

**Initial boiling point and boiling range:** 200 -260 760 mm Hg

**Relative Density:** 0.81 15

**Vapour density (air=1):** > 1

**Vapour pressure:** 0.35 kPa 20

**Evaporation rate:** 600 (EtEt=1)

**Viscosity:** <=2.0 mm2/s 40

**Flash point:** >70 CC (Closed cup).

**Auto Ignition Temperature (°C):** >200

**Flammability Limit - Lower(%):** 0.6

**Flammability Limit - Upper(%):** 7.0

**Explosive properties:** May form explosive mixtures with air.

**Volatile Organic Compound (VOC):** 859 mg/kg

**10 STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal temperature conditions and recommended use

**Possibility of hazardous reactions:** Not applicable.

**Conditions to avoid:** Avoid heat, flames and other sources of ignition

**Incompatible materials:** Strong acids. Strong oxidising substances.

**Hazardous Decomposition Products:** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Aldehydes.



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## 11 TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Acute Toxicity (Oral LD50) > 5000 mg/kg Rat Acute Toxicity (Dermal LD50) > 5000 mg/kg Rabbit Acute Toxicity (Inhalation LC50) > 5000 mg/l (vapours) Rat
<b>Respiratory or skin sensitisation:</b>	There is no evidence that the material can lead to respiratory hypersensitivity. Not Sensitising.
<b>Germ cell mutagenicity:</b>	Negative. Negative.
<b>Carcinogenicity:</b>	No evidence of carcinogenicity
<b>Specific target organ toxicity - repeated exposure:</b>	No known effects based on information supplied.
<b>Aspiration hazard</b>	
<b>Viscosity:</b>	The fluid can enter the lungs and cause damage (chemical pneumonitis, possibly fatal).
<b>Inhalation:</b>	Vapour may irritate respiratory system or lungs. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Central nervous system depression.
<b>Ingestion:</b>	Harmful if swallowed. Risk of severe pulmonary problems in case of accidental aspiration.
<b>Skin contact:</b>	Prolonged contact may cause dryness of the skin. Repeated exposure may cause skin dryness or cracking.
<b>Eye contact:</b>	May cause temporary eye irritation.

## 12 ECOLOGICAL INFORMATION

<b>Toxicity</b>	
<b>Acute Fish Toxicity:</b>	Exotoxicological studies have shown a very low order of toxicity with this type of material. LC 50, 96 Hrs, Fish mg/l >1000 ppm
<b>Acute Toxicity – Fish</b>	LC50 96 hours > 1000 mg/l Onchorhynchus mykiss (Rainbow trout) EC 50, 48 Hrs, Daphnia, mg/l >250ppm
<b>Acute Toxicity - Aquatic Invertebrates</b>	EC50 48 hours > 1000 mg/l Daphnia magna IC 50, 72 Hrs, Algae, mg/l 20ppm
<b>Persistence and degradability</b>	
<b>Degradability:</b>	The product is expected to be biodegradable.
<b>Bioaccumulative potential:</b>	The product has the potential to bio-accumulate.
<b>Mobility in soil:</b>	Substance is a UVCB. Standard tests for this endpoint are not applicable.
<b>Results of PBT and vPvB assessment:</b>	Not Classified as PBT/vPvB by current EU criteria.

## 13 DISPOSAL CONSIDERATIONS

<b>General information:</b>	Waste is classified as hazardous waste.
<b>Disposal Methods:</b>	Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.
<b>Waste treatment methods:</b>	Dispose of waste and residues in accordance with local authority requirements. Uncleaned empty packages should be disposed of in the same manner as the contents.
<b>Waste Class:</b>	EWC NUMBER: Allocation of a waste code number in accordance with the European Waste Catalogue, should be carried out in agreement with an EA authorised waste disposal company.

## 14 TRANSPORT INFORMATION

<b>Road Transport Notes:</b>	Not Classified
<b>Rail Transport Notes:</b>	Not Classified
<b>Sea Transport Notes:</b>	Not Classified
<b>Air Transport Notes:</b>	Not Classified
<b>Environmentally:</b>	No

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



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**15 REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**Guidance Notes:** Workplace Exposure Limits EH40.  
**EU Legislation:** Regulation (EC) No 1907/2006 REACH. Regulation (EC) No 1272/2008 CLP.  
**National Regulations:** The substance is listed in the following International Inventories or exempt: AICS (AU) TSCA (US) DSL (CA) ENCS (2)-676 (JP) IECSC (CN) EINECS/ELINCS KECL NZIOc  
**Chemical Safety Assessment:** A chemical safety assessment has been carried out.

**16 OTHER INFORMATION**

**Information Sources:** Manufacturer's Material Safety Data Sheet Dangerous Substances Directive Dangerous Preparations Directive  
**Revision Comments:** This is first issue.  
**Risk phrases used in full:** R65 Harmful: may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.  
**Hazard Statements In Full:** EUH066 Repeated exposure may cause skin dryness or cracking.  
H304 May be fatal if swallowed and enters airways.  
**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Pure Clean Waste Solutions Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.