



# Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH)

## Pure-Sol

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

#### 1.1 Product identifier

**Product name:** Pure-Sol

**Product code:** None

**Product description:** Artist's oil painting solvent.

**CAS No.:** 64742-47-8

**EC No.:** 926-141-6

**Index No.:** None

**REACH Registration no.:** 01-2119456620-43

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

**Identified use(s):** Thinning oil colours, thinning oil painting mediums and general brush clean-up.

**Uses advised against:** Follow supplier's recommendations on correct use of the product.

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

**Manufacturer/Supplier:** Jackson's Art  
Unit 1  
The Aquarius Centre  
Waterwells Business Park  
Quedgeley  
GL2 2FN

**Telephone:** +44 (0)1452 226376

**E-mail:** gary@jacksonart.co.uk

#### 1.4 Emergency telephone number

**In case of emergency, call:** +44 (0)1452 226376 (office hours)

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## SECTION 2: Hazard Identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Aspiration Toxicity 1, H304

### 2.2 Label elements according to Regulation (EC) No. 1272/2008 (CLP)

Hazard pictogram(s):



Signal Word: Danger

Hazard Statement(s): H304: May be fatal if swallowed and enters airways.

Precautionary Statement(s):  
P301 + P310: IF SWALLOWED: Immediately call a doctor/physician.  
P331: Do NOT induce vomiting.  
P405: Store Locked up.  
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental Hazard information (EU): EUH066: Repeated exposure may cause skin dryness or cracking.

EC No: 926-141-6

Contains: Hydrocarbons, C11-14, hydrotreated, n-alkanes, isoalkanes, cyclic, <2% aromatics

### 2.3 Other hazards:

Product may charge electrostatically.



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## SECTION 3: Composition

### 3.1 Substances

CAS No.:	64742-47-8
EC No.:	926-141-6
Description:	Hydrocarbons' C11-14, hydrotreated, n-alkanes, isoalkanes, cyclic, <2% aromatics
REACH Registration no.:	01-2119456620-43

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

<b>INHALATION:</b>	Remove patient to fresh air and keep at rest. If there are breathing problems, seek medical advice.
<b>SKIN CONTACT:</b>	Remove contaminated clothing immediately. Rinse skin with water and wash with soap and water. Seek medical advice if skin irritation persists.
<b>EYE CONTACT:</b>	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.
<b>INGESTION:</b>	Rinse mouth with water. Do NOT induce vomiting. Obtain immediate medical attention.

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

Inhalation may cause headache, drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.

### 4.3 Indication of any immediate medical attention and special treatments needed

If ingested, product may be aspirated into the lungs and cause chemical pneumonitis. Treat symptomatically.



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## **SECTION 5: Fire-fighting Measures**

### **5.1 Extinguishing Media**

**Suitable extinguishing media:** Foam, CO<sub>2</sub> or dry powder.

**Unsuitable extinguishing media:** Do not use water jet.

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

Containers may rupture on heating. Toxic gases may be formed in a fire.

### **5.3 Advice for fire-fighters**

Prevent run-off from fire control or dilution from entering drains or water courses. Self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep fire-exposed containers cool by spraying with water. Do not allow to enter drains, sewers or watercourses.

## **SECTION 6: Accidental Release Measures**

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

#### **6.1.1 For non-emergency personnel**

Eliminate all sources of ignition. Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapours. Wear suitable personal protective equipment.

#### **6.1.2 For emergency responders**

Keep unnecessary personnel away. Wear suitable protective clothing (see Section 8). Contaminated clothing should be thoroughly cleaned.

### **6.2 Environmental precautions**

Collect spillage. Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.



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### **6.3 Methods and materials for containment and clearing up**

#### **6.3.1 For containment**

Stop the leak if it is safe to do so. Contain the spillage with sand, earth or any suitable adsorbent material.

#### **6.3.2 For cleaning up**

Use sand, earth or any suitable non-combustible adsorbent material to adsorb spillages. Using non-sparking tools transfer the contaminated adsorbent material into sealable containers for disposal. Containers should be sealed before being disposed of via an authorised waste disposal contractor.

#### **6.3.3 Other advice**

Take precautions against static discharges.

### **6.4 Reference to other sections**

See Section 8 for personal protective equipment. See Section 13 for waste disposal.

## **SECTION 7: Handling and Storage**

### **7.1 Precautions for safe handling**

Ensure adequate ventilation. Do not inhale vapours. Avoid contact with skin and eyes. Wear suitable personal protective equipment (see Section 8). Eliminate all sources of ignition. Electrical equipment should be protected to the appropriate standard.

Do not eat, drink or smoke when using this product. Wash exposed skin after use. Contaminated clothing should be thoroughly cleaned or disposed of.

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

Keep away from heat and sources of ignition. Keep from direct sunlight. Store locked up when not in use. Store only in the original container. Do not pressurise container. Product may charge electrostatically so all containers and associated equipment should be earthed to prevent static charge accumulation. Store in a cool, well ventilated place. Empty containers retain product residue and can be hazardous.

Ensure compliance with all regulations and guidance associated with the storage and use of flammable liquids.



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See section 10 for incompatible materials.

### 7.3 Specific end uses(s)

Thinning oil colours, thinning oil painting mediums and general brush clean-up.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control parameters

Occupational exposure limits – recommended by manufacturer

Substance	CAS no.	LTEL (8 hr TWA)		STEL (15 min)	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Pure-Sol	64742-47-8	-	1200	-	-

### Other exposure limits

Consult applicable national legislation for exposure limits in other countries.

### Biological limits

None assigned.

### Derived No-Effect Level (DNEL)

Not available.

### Predicted No-Effect Concentration (PNEC)

Not available.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Ensure adequate ventilation. Electrical equipment should be protected to the appropriate standard.

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### **8.2.2 Personal protection:**

A suitable and sufficient COSHH assessment must be undertaken and appropriate and compliant personal protective equipment (PPE) provided and used.

**Eye protection:**

Safety glasses.

**Skin protection:**

Appropriate barrier creams.

**Hand protection:**

Chemical resistant gloves (EN 374).

**Other:**

Not required.

**Respiratory protection:**

Not required.

### **8.2.3 Environmental exposure controls**

Inform environmental manager of all incidents involving this product.

## **SECTION 9: Physical and Chemical Properties**

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

<b>Appearance:</b>	Colourless liquid
<b>Odour:</b>	Mild solvent
<b>Odour threshold:</b>	Not available
<b>pH:</b>	Not applicable
<b>Melting/freezing point:</b>	Not available
<b>Initial boiling point and boiling range:</b>	190 to 260°C
<b>Flash point:</b>	75°C
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid; gas):</b>	Not applicable
<b>Upper/lower flammability or explosive limits:</b>	0.5 vol % to 6 vol %
<b>Vapour pressure:</b>	0.001 kPa @ 20°C
<b>Vapour density:</b>	Not available
<b>Relative density:</b>	0.800 to 0.820 @ 20°C (Water = 1)
<b>Solubility:</b>	Insoluble in water
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not applicable



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Viscosity:	1.2 mPas @ 20°C
Explosive properties:	Product is not explosive but vapour may form explosive mixture with air.
Oxidising properties:	Not oxidising

### 9.2 Other information

None

## SECTION 10: Stability and Reactivity

10.1 Reactivity	No specific reactivity hazards.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions expected during normal use.
10.4 Conditions to avoid	Keep away from sources of ignition, hot surfaces, direct sunlight and other sources of ignition.
10.5 Incompatible materials	Strong oxidising agents, strong acids, strong alkalis.
10.6 Hazardous decomposition products	Combustion may liberate toxic smoke, fumes, incomplete combustion products and oxides of carbon.

## SECTION 11: Toxicological Information

### 11.1 Information on toxicological effects

Acute toxicity	This product is low hazard.
Skin corrosion/irritation	Repeated exposure may cause skin dryness or cracking.
Serious eye damage/irritation	Persistent exposure may cause some irritation.
Skin sensitisation	Not classified. The product does not contain substances classified as skin sensitisers above the classification thresholds. However, may produce an allergic reaction.
Respiratory irritation	Not a respiratory irritant.
Respiratory sensitisation	Not classified. The product does not contain substances classified as respiratory sensitisers above the





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classification thresholds. However, may produce an allergic reaction.

**Germ cell mutagenicity**

Not mutagenic.

**Carcinogenicity**

Not classified. The product does not contain substances classified as carcinogenic above the classification thresholds.

**Reproductive toxicity**

Not classified. The product does not contain substances classified for reproductive toxicity above the classification thresholds.

**Specific Target Organ Toxicity – single exposure**

May cause drowsiness and dizziness.

**Specific Target Organ Toxicity – repeated exposure**

Not classified.

**Aspiration hazard**

If ingested, may be aspirated into the lungs and cause chemical pneumonitis

### Information on likely routes of exposure

**Inhalation**

See above

**Skin contact**

See above

**Eye contact**

See above

**Ingestion**

See above

**Symptoms related to the physical, chemical and toxicological characteristics**

See above

**Other information**

None

## SECTION 12: Ecological Information

**12.1 Toxicity**

Low toxicity to the environment.

**12.2 Persistence and degradability**

Not available

**12.3 Bioaccumulative potential**

Not applicable

**12.4 Mobility in soil**

Not applicable



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**12.5 Results of PBT and vPvB assessment** Not classified as PBT/vPvB by current EU criteria.

**12.6 Other adverse effects** None.

### SECTION 13: Disposal Considerations

#### 13.1 Waste treatment methods

Product and packaging to be disposed of as hazardous waste. Disposal should be in accordance with local, state or national legislation.

Contaminated adsorbent must be removed in sealed, drums and disposed of via an authorised waste disposal contractor. Do not empty into drains; dispose of this material and its container in a safe way.

Empty containers may contain residue and may be dangerous. Do not attempt to refill or clean containers without proper instructions. Do not pressurise, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition.

### SECTION 14: Transport Information

**ROAD (ADR) - not classified**

- |  |   |
|--|---|
| <b>14.1 UN Number</b>                  | - |
| <b>14.2 UN Proper shipping name</b>    | - |
| <b>14.3 Transport hazard class(es)</b> | - |
| <b>14.4 Packing group</b>              | - |
| <b>14.5 Environmental hazards</b>      | - |

**INLAND WATERWAYS (ADN/ADNR)- not classified**

- |  |   |
|--|---|
| <b>14.1 UN Number</b>                  | - |
| <b>14.2 UN Proper shipping name</b>    | - |
| <b>14.3 Transport hazard class(es)</b> | - |
| <b>14.4 Packing group</b>              | - |
| <b>14.5 Environmental hazards</b>      | - |

**RAIL (RID) – not classified**

- |  |   |
|--|---|
| <b>14.1 UN Number</b>                  | - |
| <b>14.2 UN Proper shipping name</b>    | - |
| <b>14.3 Transport hazard class(es)</b> | - |
| <b>14.4 Packing group</b>              | - |



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**14.5 Environmental hazards** -

**AIR (IATA/ICAO) – not classified**

**14.1 UN Number** -

**14.2 UN Proper shipping name** -

**14.3 Transport hazard class(es)** -

**14.4 Packing group** -

**14.5 Environmental hazards** -

**SEA (IMDG) – not classified**

**14.1 UN Number** -

**14.2 UN Proper shipping name** -

**14.3 Transport hazard class(es)** -

**14.4 Packing group** -

**14.5 Environmental hazards** -

**14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code** Not intended to be transported in bulk

## **SECTION 15: Regulatory Information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** This Safety Data Sheet was prepared in accordance with EC Regulation (EC) No. 1907/2006 as amended. The product has been classified in accordance with Regulation (EC) No. 1272/2008 (CLP).

**15.2 Chemical Safety Assessment** Not applicable.

## **SECTION 16: Other Information**

**Full text of relevant H-statements:** Not applicable.

### **References:**

Manufacturer's Safety Data Sheet  
Regulation (EC) No. 1272/2008



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### **Disclaimer:**

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### **Version history:**

<b>Version:</b>	1.0
<b>Issue date:</b>	18.11.20
<b>Previous Version:</b>	None
<b>Issue date of previous version:</b>	Not applicable
<b>Sections changed from previous version:</b>	Not applicable