

# SAFETY DATA SHEET

<b>Product Name:</b>	<b>IW10WHR - HAND CLEANER SOLUTION</b>	<b>SDS Reference</b>	WHT010
<b>Blend:</b>	BL/0056	<b>Portwest Additional Ref:</b>	IW10WHR
<b>Version No.</b> 1	<b>Initial issue date</b> August 4 <sup>th</sup> 2015	<b>Revision date</b>	October 27 <sup>th</sup> 2017

## 1. IDENTIFICATION OF SUBSTANCE/ PREPARATION AND OF THE COMPANY

<b>1.1 Product identifier</b>	IW10WHR - Hand Cleaner	
<b>1.2 Use (s)</b>	Solution For cleaning hands	
<b>1.3 SOS Supplier</b>	Portwest Portwest Suite 1, 2nd Floor, Magnetic House, Waterfront Quay, Media Village, Salford Quays, M50 3XW	
<b>1.4 Emergency Telephone</b>	01785 252760 (Office hours)	<b>Telephone</b> 0161 710 3516 <b>Fax No:</b>
<b>Supplier:</b>	Portwest, Portwest Suite 1, 2nd Floor, Magnetic House, Waterfront Quay, Media Village, Salford Quays, M50 3XW	<b>SOS Competent Person e-mail:</b> <a href="mailto:richardt@portwest.com">richardt@portwest.com</a>
<b>Telephone:</b>	0161 7103516	

## 2. HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Aquatic Chronic 3 H412

#### 2.1.2 Additional information

See section 16 for full text of H statements

### 2.2 LABELLING ELEMENTS

#### 2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

<b>Pictogram(s):</b>	NONE	<b>Signal word</b>	NONE
<b>Hazard statement(s)</b>	H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS		
<b>Precautionary statement(s)</b>	P273 AVOID RELEASE TO THE ENVIRONMENT. P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.		
<b>2.3 Other hazards</b>	THE PREPARATION CONTAINS SUBSTANCES THAT HAVE A WORKPLACE EXPOSURE LIMIT (WEL)		

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Characterisation      AQUEOUS MIXTURE OF ORGANIC SUBSTANCES

#### Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
PROPAN-2-OL	67-63-0	200-661-7	Flam. Liq. 2 H225; Eye Irrit. 2 H319; STOT SE 3 H336	5-10%
ALCOHOL, C9-11, ETHOXYLATED	68439-45-2	NOT ASSIGNED	Acute Tox. 4 H302; Eye Dam. 1 H318	0.5-1.0%
PROPANE-1,2-DIOL	57-55-6	200-338-0	Not classified (WEL assigned)	1-3%
ORANGE TERPENES	8028-48-6	232-433-8	Flam. Liq. 3 H226; Skin Irrit. 2 H315; Skin Sens. 1 H317; Aquatic Acute 1 H400; Aquatic Chronic 1 H410	0.5-1.0%
QUATERNARY AMMONIUM COMPOUNDS, BENZYL C8- 18-ALKYLDIMETHYL, CHLORIDES	63449-41-2	246-151-6	CLP: Met. Corr. 1 H290; Skin Corr.1B H314; Aqueous Acute 1 H400; Acute Tox. 4 H302; Acute Tox. 4 H312	0.5-1.0% **

\*\* Combined concentration: <1.0%

### 4. FIRST AID MEASURES

#### -1 Description of measures

<b>Inhalation</b>	Remove casualty to fresh air. If necessary, seek medical advice.
<b>Skin contact</b>	Clean areas of skin affected with soap and plenty of water. If necessary, seek medical advice.
<b>Eye contact</b>	Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, seek medical advice.
<b>Ingestion</b>	If product is swallowed, do NOT induce vomiting. Drink plenty of water; if necessary, seek medical advice.
<b>4.2 Most important effects/symptoms</b>	None known
<b>4.3 Immediate/special treatment</b>	Treatment as described above. Treat symptomatically and supportively.

### 5. FIRE FIGHTING MEASURES

<b>5.1 Extinguishing media</b>	Extinguish with alcohol resistant foam, carbon dioxide, waterfog (spray), dry powder.
<b>5.2 Special hazards</b>	In case of fire, may release poisonous fumes of CO and NOx.
<b>5.3 Advice for fire fighters</b>	Wear self-contained breathing apparatus. Avoid run-off water entering the drains (e.g. use barriers)

### 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions</b>	Wear suitable personal protective equipment (see section 8.2)
<b>6.2 Environmental precautions</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
<b>6.3 Methods and materials for cleaning up</b>	Take up with absorbent material, e.g. sand, sawdust, into tightly closed containers. Label container and dispose of as prescribed
<b>6.4 Reference to other sections</b>	See section 8 for personal protective equipment.

---

## 7. HANDLING AND STORAGE

---

<b>7.1 Precautions for safe handling</b>	Handle in accordance with good hygiene and safety practice. Keep container tightly closed. Keep away from sources of ignition- No smoking!
<b>7.2 Conditions for safe storage</b>	Store in a cool, dry, well-ventilated area, away from incompatible materials.
<b>7.3. Specific end use(s)</b>	For cleaning hands

---

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

---

<b>8.1 Controls parameters</b>	Workplace Exposure Limits (WELs) have been assigned by the HSE (EH40/2011 ).
LTEL (8 hour TWA):	400 ppm      999 mg/m <sup>3</sup> Data for propan-2-ol
STEL (15 min):	500 ppm      1250 mg/m <sup>3</sup> Data for propan-2-ol
LTEL (8 hour TWA):	150 ppm      474 mg/m <sup>3</sup> Data for propane-1,2 diol*
LTEL (8 hour TWA):	ppm      10 mg/m <sup>3</sup> Data for propane-1,2 diol**

\* total vapour and particulates ; \*\* particulates

### 3.2 Exposure controls

<b>Engineering controls</b>	Provide adequate ventilation (e.g. local exhaust ventilation).
<b>Personal protection</b>	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Those with a history of sensitisation should take appropriate protective measures Wear personal protective equipment appropriate to the task (see below)
<b>Eye protection</b>	Safety goggles (EN 166 or 169) if risk of eye contamination.
<b>Skin protection</b>	Suitable gloves (e.g. nitrile rubber) (but also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
<b>Respiratory protection</b>	Not normally required.
<b>Other protection</b>	Protective overalls

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

### 9.1 Basic physical and chemical properties

<b>Physical form</b>	Non Woven Wipe
<b>Colour</b>	Colourless
<b>Odour</b>	Characteristic
<b>Odour Threshold</b>	Not determined
<b>pH</b>	Approx. 7.0
<b>Boiling pt/ range</b>	ca. 100°C
<b>Melting pt / range</b>	Not determined
<b>Flash point</b>	>60°C
<b>Flammability</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Explosion limits</b>	Not applicable
<b>Auto-ignition temperature</b>	Not determined
<b>Decomposition temp.</b>	Not determined

---

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

<b>Density</b>	ca. 1 g/ml
<b>Vapour pressure</b>	Not applicable
<b>Vapour density</b>	Not applicable
<b>Water solubility</b>	Fully miscible
<b>Explosive properties</b>	Not applicable
<b>Oxidising properties</b>	Not determined
<b>Partition coeff. Log<sub>Oct/water</sub></b>	Not determined
<b>9.2 Other information</b>	None known

---

## 10. STABILITY AND REACTIVITY

---

<b>10.1 Reactivity</b>	No data available
<b>10.2 Chemical stability</b>	Stable under normal conditions of handling.
<b>10.3 Hazardous reactions</b>	None known
<b>10.4 Conditions to avoid</b>	None known
<b>10.5 Incompatible material</b>	None known
<b>10.6 Hazardous decomposition products</b>	In case of fire, may release poisonous fumes .

---

## 11. TOXICOLOGICAL INFORMATION

---

### 11.1 information on toxicological effects

<b>Acute toxicity</b>	LD <sub>50</sub> rat (oral)	300-2000	mg/kg	Data for alcohol, C9-11, ethoxylate
	LD <sub>50</sub> rat (derm)	>2000	mg/kg	Data for alcohol, C9-11, ethoxylate
<b>Dermal compatibility</b>	No data available.			
<b>Mucous membrane compatibility</b>	No data available			
<b>Further information</b>	Slightly sensitising			

---

## 112. ECOLOGICAL INFORMATION

---

<b>112.1 Toxicity</b>	EC <sub>50</sub> Daphnia magna	1-10	mg/l	Data for alcohol, C9-11, ethoxylate , 96 hr
<b>112.2 Degradability</b>	Not determined			
<b>112.3 Bioaccumulative potential</b>	Not determined			
<b>112.4 Mobility in soil</b>	Not determined			
<b>112.5 PBT/vPvB assessment</b>	Not applicable			
<b>112.6 Other adverse effects</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.			

---

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment measures

Advice on disposal	If possible, recycle to supplier or approved recycling company. If not (e.g. designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
Contaminated packaging	Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

### 14. TRANSPORT INFORMATION

14.1 United Nations number (ADR, IMDG, IATA)	Not classified
14.2 Proper shipping name (ADR, IMDG, IATA)	Not classified
14.3 Transport class(s) (ADR, IMDG, IATA)	Not classified
14.4 Packing group (ADR, IMDG, IATA)	Not classified
14.5 Environmental hazards (ADR, IMDG, IATA)	The product should not be marked as a marine pollutant.
14.6 Special procedures	Not applicable
14.7 Transport in bulk	Not applicable

### 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations	The product is classified in accordance with EC Regulation 1272/2008 (CLP). Other regulatory information and provisions are not applicable for this product.
15.2 Chemical safety assessment	Not applicable

### 16. OTHER INFORMATION

Further information	The SOS has been revised in accordance with EC Regulation 1272/2008 (CLP)
---------------------	---

#### Hazard statements referred to in sections 2/3

H225: Highly flammable liquid and vapour  
H226: Flammable liquid and vapour  
H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects .  
H412: Harmful to aquatic life with long lasting effects

16. OTHER INFORMATION

---

Sources of data                      Other suppliers' safety data sheets, EH40(2011)

Date of issue                          04-08-2015

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.