

SAFETY DATA SHEET

Product Name:	IW30ORR - HAND CLEANER SOLUTION	SDS Reference	WHT010
Blend:	BL/0056	Portwest Additional Ref:	IW30ORR
Version No. 1	Initial issue date August 4 th 2015	Revision date	October 27 th 2017

1. IDENTIFICATION OF SUBSTANCE/ PREPARATION AND OF THE COMPANY

1.1 Product identifier	IW30ORR - Hand Cleaner	
1.2 Use (s)	Solution For cleaning hands	
1.3 SOS Supplier	Portwest Portwest Suite 1, 2nd Floor, Magnetic House, Waterfront Quay, Media Village, Salford Quays, M50 3XW	
1.4 Emergency Telephone	01785 252760 (Office hours)	Telephone 0161 710 3516 Fax No:
Supplier:	Portwest, Portwest Suite 1, 2nd Floor, Magnetic House, Waterfront Quay, Media Village, Salford Quays, M50 3XW	SOS Competent Person e-mail: richardt@portwest.com
Telephone:	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)

Pictogram(s):	NONE	Signal word	NONE
Hazard statement(s)	H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS		
Precautionary statement(s)	P273 AVOID RELEASE TO THE ENVIRONMENT. P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.		
2.3 Other hazards	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

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

5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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

* total vapour and particulates ; ** particulates

3.2 Exposure controls

Engineering controls	Provide adequate ventilation (e.g. local exhaust ventilation).
Personal protection	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)
Eye protection	Safety goggles (EN 166 or 169) if risk of eye contamination.
Skin protection	Suitable gloves (e.g. nitrile rubber) (but also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Not normally required.
Other protection	Protective overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Density	ca. 1 g/ml
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	Fully miscible
Explosive properties	Not applicable
Oxidising properties	Not determined
Partition coeff. Log_{Oct/water}	Not determined
9.2 Other information	None known

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

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

112. ECOLOGICAL INFORMATION

112.1 Toxicity	EC ₅₀ Daphnia magna	1-10	mg/l	Data for alcohol, C9-11, ethoxylate , 96 hr
112.2 Degradability	Not determined			
112.3 Bioaccumulative potential	Not determined			
112.4 Mobility in soil	Not determined			
112.5 PBT/vPvB assessment	Not applicable			
112.6 Other adverse effects	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.