

# SAFETY DATA SHEET

<b>Product Name:</b>	<b>WH10 - HAND CLEANER SOLUTION</b>	<b>SDS Reference</b>	WHT010
<b>Blend:</b>	BL/0056	<b>Klenzeen Additional Ref:</b>	WH10
<b>Version No.</b> 1	<b>Initial issue date</b> August 4 <sup>th</sup> , 2015	<b>Revision date</b>	

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

<b>1.1 Product identifier</b>	WH10 – Hand Cleaner Solution		
<b>1.2 Use (s)</b>	For cleaning hands		
<b>1.3 SDS Supplier</b>	Klenzeen Limited Avocet Business Park Dudbridge Road Stroud, Gloucestershire GL5 3HF		
<b>1.4 Emergency Telephone</b>	01785 252760 (Office hours)	<b>Telephone</b> 01785 252760 <b>Fax No:</b> 01785 251299	<b>SDS Competent Person e-mail:</b> julian@whitminster.co.uk

## 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)		

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation**      AQUEOUS MIXTURE OF ORGANIC SUBSTANCES

#### Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>ELINECS/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%

### 4. FIRST AID MEASURES

#### 4.1 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.

**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

<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 NO <sub>x</sub> .
<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.

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## 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
<b>8.2 Exposure controls</b>	
<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

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## 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 <sub>Oct/water</sub>	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 <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
Dermal compatibility	No data available.			
Mucous membrane compatibility	No data available			
Further information	Slightly sensitising			

## 12. ECOLOGICAL INFORMATION

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

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### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment measures

<b>Advice on disposal</b>	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.
<b>Contaminated packaging</b>	Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

### 14. TRANSPORT INFORMATION

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

### 15. REGULATORY INFORMATION

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

### 16. OTHER INFORMATION

<b>Further information</b>	The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP)
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#### **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

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## 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.