

SAFETY DATA SHEET

Product Name:	HARD SURFACE WIPE SOLUTION	SDS Reference	WHT04
Blend:	BL/0042	Klenzeen Additional Ref:	WH20
Version No. 2	Initial issue date June 1 st , 2015	Revision date 3/12/18	

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1 Product identifier	Hard Surface Wipe Solution		
1.2 Use (s)	Surface Cleansing Wipe		
1.3 SDS Supplier	Klenzeen Ltd Avocet Business Park Dudbridge Road Stroud, Gloucestershire GL5 3HF		
1.4 Emergency Telephone	01785 252760 (Office hours)	Telephone 01785 252760 Fax No: 01785 251299	SDS Competent Person e-mail: 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)

Eye Irrit. 2 H319
STOT SE 3 H336

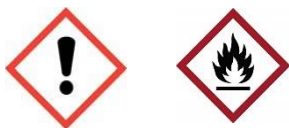
2.1.2 Additional information

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):



Signal word

DANGER

Hazard statement(s)

H319 CAUSES SERIOUS EYE IRRITATION.
H315 CAUSES SKIN IRRITATION
H225 HIGHLY FLAMMABLE LIQUID AND VAPOUR.

Precautionary statement(s)

P210 AVOID RELEASE TO THE ENVIRONMENT.
P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.
P304+340 IF INHALED: REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.
P305+351+338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.
P312 CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

2.3 Other hazards

THE PREPARATION CONTAINS A SUBSTANCE THAT HAS A WORKPLACE EXPOSURE LIMIT (WEL)

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS ALCOHOL MIXTURE

Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>FINES/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
ISOPROPYL ALCOHOL	67-63-0	.200-661-7	CLP: Flam. Liq. 2 H225; Eye Irrit. 2 H319, STOT SE 3 H336	20-30%
BENZYL C8-18 ALKYL DIMETHYL, CHLORIDES	63449-41-2	264-151-6	Met. Corr. 1 H290; Skin Corr. 1B H314; Acute Tox. 4 H302; Acute Tox. 4 H312; Aquatic Acute H400	<1%

4. FIRST AID MEASURES

4.1 Description of measure s

Inhalation	Remove casualty to fresh air. If necessary, seek medical advice.
Skin contact	If skin irritation develops, clean areas of skin affected with soap and plenty of water. If necessary, seek medical advice.
Eye contact	Immediately 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	To suit local surroundings (e.g. water spray, carbon dioxide, dry powder)
5.2 Special hazards	In case of fire, may release oxides of carbon
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). Keep away from sources of ignition- No smoking!
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, dry.
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7. HANDLING AND STORAGE

- 7.2 Conditions for safe storage** Store in a cool dry, well-ventilated area
- 7.3. Specific end use(s)** Surface cleansing wipe

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Controls parameters** Workplace Exposure Limits (WELs) have been assigned by the HSE.
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|--------------------|---------|------------------------|----------------------|
| LTEL (8 hour TWA): | 400 ppm | 999 mg/m ³ | Data for isopropanol |
| STEL (15 min.): | 500 ppm | 1250 mg/m ³ | Data for isopropanol |

8.2 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.
Wear personal protective equipment appropriate to the task (see below)
- Eye protection** Safety goggles
- Skin protection** Suitable gloves (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 | Liquid |
| Colour | Colourless |
| Odour | Alcoholic |
| Odour Threshold | Not determined |
| pH | Not determined |
| Boiling pt / range | Not determined |
| Melting pt / range | Not determined |
| Flash point | >75°C (estimated) |
| Flammability | Not applicable |
| Evaporation rate | Not determined |
| Explosion limits | Not applicable |
| Auto-ignition temperature | Not determined |
| Decomposition temp. | Not determined |
| Density | Not determined |
| Vapour pressure | Not determined |
| Vapour density | Not determined |
| Water solubility | Fully miscible |

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9. PHYSICAL AND CHEMICAL PROPERTIES

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	Not determined
10.5 Incompatible material	None known
10.6 Hazardous decomposition products	Carbon dioxide and carbon monoxide may form when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD ₅₀ rat (oral)	>5000	mg/kg	Data for isopropyl alcohol
	LD ₅₀ rabbit (derm)	> 12000	mg/kg	Data for isopropyl alcohol
	LC ₅₀ rat (inhal)	16000	ppm	Data for isopropyl alcohol, 8 hours
Dermal compatibility	No data available.			
Mucous membrane compatibility	No data available. May cause eye irritation			
Further information	None known			

12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC ₅₀ Aquatic organisms	mg/l	No data available
12.2 Degradability	Not determined, but should degrade in water		
12.3 Bioaccumutive 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.		

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures

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13. DISPOSAL CONSIDERATIONS

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 the Chemicals (Hazard Information and 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 SDS 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
H290: May be corrosive to metals
H302: Harmful if swallowed
H312: Harmful in contact with skin
H314: Causes severe skin burns and eye damage.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H400: Very toxic to aquatic life: Very toxic to aquatic life.

Sources of data Other suppliers' safety data sheets, EH40/2011

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16. OTHER INFORMATION

Date of issue 01-12-2018

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.