

SAFETY DATA SHEET

Product Name:	70% Alcohol Solution	SDS Reference	WHT03
Blend:	BL/0044	Klenzeen Additional Ref:	WH70
Version No. 1	Initial issue date July 14 th 2015	Revision Date	

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1 Product identifier 70% Alcohol Solution

1.2 Use (s) Cleaning Wipe

1.3 SDS Supplier Klenzeen Ltd
Avocet Business Park
Dudbridge Road
Stroud, Gloucestershire

1.4 Emergency Telephone GL5 3HF
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)

Flam. Liq. 2 H225

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

WARNING

Hazard statement(s)

H225 HIGHLY FLAMMABLE LIQUID AND VAPOUR

Precautionary statement(s)

P210 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOTSURFACES. — NO SMOKING.
P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.

2.3 Other hazards

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

Product Name:	70% Alcohol Solution	SDS Ref.	WHT03
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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS ETHANOL MIXTURE

Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
ETHANOL	64-17-5	200-578-6	Flam. Liq. 2 H225	70%

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation	Remove casualty to fresh air. If necessary, seek medical advice.
Skin contact	No special measures necessary.
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.

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 fumes of CO and CO ₂
5.3 Advice for fire fighters	Wear self-contained breathing apparatus.

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.

Product Name:	70% Alcohol Solution	SDS Ref.	WHT03
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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 sanitising of 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): 1000 ppm 1920 mg/m ³ Data for ethanol
8.2 Exposure controls	
Engineering controls	Provide adequate ventilation (e.g. local exhaust ventilation).
Personal protection	Observe normal standards for handling chemicals. Avoid inhalation of vapour. 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	Not normally required, but also consider your own risk assessment.
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	White
Odour	Alcoholic
Odour Threshold	Not determined
pH	Approx. 7
Boiling pt / range	Not determined
Melting pt / range	Not determined
Flash point	Approx. 23°C
Flammability	Not applicable
Evaporation rate	Not applicable
Explosion limits	8nd
Auto-ignition temperature	Not determined
Decomposition temp.	Not determined
Density	Approx. 1.0
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	Fully miscible

Product Name:	70% Alcohol Solution	SDS Ref.	WHT03
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9. PHYSICAL AND CHEMICAL PROPERTIES

Explosive properties	Not applicable
Oxidising properties	Not determined
Partition coeff. Log <small>Oct/water</small>	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 oxides of carbon.

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD ₅₀ rat (oral)	mg/kg	No data available
Dermal compatibility	No data available.		
Mucous membrane compatibility	No data available		

12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC ₅₀	Aquatic organisms	mg/l	No data available
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.			

13. DISPOSAL CONSIDERATIONS

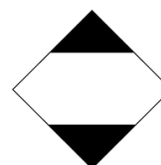
13.1 Waste treatment measures

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.

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14. TRANSPORT INFORMATION

14.1 United Nations number (ADR, IMDG, IATA)	UN 3175
14.2 Proper shipping name (ADR, IMDG, IATA)	Solids Containing Flammable Liquids
14.3 Transport class(s) (ADR, IMDG, IATA)	4.1
14.4 Packing group (ADR, IMDG, IATA)	II
14.5 Environmental hazards (ADR, IMDG, IATA)	Not applicable



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)
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Hazard statements referred to in sections 2/3

H225: Highly flammable liquid and vapour

Sources of data	Other suppliers' safety data sheets, EH40(2011)
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Date of issue	14-07-2015
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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.