

bioguard

PRODUCT SAFETY DATA SHEETS



Class-leading hygiene, cleaning and infection-control products

HEALTHCARE

VENDING

FOOD PROCESSING

Bioguard Alcohol Hand & Surface Wipes

PROVEN HYGIENE SOLUTIONS

Product Name:	Alcohol Hand & Surface Wipes	SDS Reference	BHS016
Version No. 1	Initial issue date October 24 th , 2013	Revision date	

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product Identifier** **Bioguard Alcohol Hand Surface Wipes**
- 1.2 Relevant Use(s)/misuse(s)** Surface disinfectant **Suitable for food use tested to EN1276 EN1275. Food safe & non-tainting. Meets EHO & FSA standards.**
- 1.3 SDS Supplier** Bioguard Hygiene Solutions Ltd.
- 1.3.1 Manufacturer** Bioguard Hygiene Solutions Ltd.
64a St James Mill Rd
St James
Northampton NN5 5JP
- 1.4 Emergency Telephone** +44(0)1604 592048 (office hours)
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Competent Person e-mail: trevor@rising-hsande.co.uk

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

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

Flam. Liq. 2 H225

2.1.2 Classification according to EC Directive 67/548/EEC (CHIP 4)

F: R11

2.1.3 Additional information

See section 16 for full text of H statements and R phrases.

2.2 LABELLING ELEMENTS

2.2.1 Labelling in accordance with EC Directive 67/548/EEC (CHIP 4)

Physicochemical:



HIGHLY FLAMMABLE

HIGHLY FLAMMABLE

Health:

ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE AFFECTS ON HEALTH IF HANDLED IN THE CORRECT MANNER.

Environmental:

ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE ON THE ENVIRONMENT IF HANDLED IN THE CORRECT MANNER.

KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING. .

SAFETY PHRASES

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2. HAZARDS IDENTIFICATION

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

Pictogram(s):		Signal word WARNING
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Hazard statement(s)	H225	HIGHLY FLAMMABLE LIQUID AND VAPOUR.
Precautionary statement(s)	P210	KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. — NO SMOKING.

2.3 OTHER HAZARDS

THE PREPARATION CONTAINS A SUBSTANCE THAT HAS 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>
ETHANOL	64-17-5	200-578-6	CHIP: F: R11 CLP: Flam. Liq. 2 H225	>60%

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation	Remove casualty to fresh air. If necessary, seek medical advice.
Skin contact	Immediately clean areas 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, consult an eye specialist/ophthalmologist.
Ingestion	If product is swallowed, do NOT induce vomiting. If conscious, 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	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder) Do not use strong water jets
5.2 Special hazards	Avoid run-off water entering the drains (e.g. use barriers)
5.3 Advice for fire fighters	Wear self-contained breathing

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions	Use suitable protective equipment (see section 8). Keep away from sources of ignition - no smoking!
6.2 Environmental precautions	Do not allow to get into waste water or waterways in large quantities; 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 closable containers. Label container and dispose of as prescribed. Use spark-free tools.
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 away from sources of ignition - no smoking!
7.2 Conditions for safe storage	Keep containers closed, cool, dry and away from heat
7.3. Specific end use(s)	Surface disinfectant

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. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles if risk of eye contamination.
Skin protection	Only for prolonged contact and If necessary Impervious gloves (but consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Respirator (e.g. EN 149:2001 P2 or P3) only if ventilation is insufficient.
Other protection	Protective overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties	
Physical form	Wipe impregnated with product
Colour	White & Blue wipes
Odour	Strongly alcoholic
Odour threshold	Not determined
pH	Not applicable
Boiling pt / range	Not determined °C
Melting pt / range	Not determined °C
Flash point	Approx. 21 °C (estimated)
Flammability	Not applicable

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9. PHYSICAL AND CHEMICAL PROPERTIES

Thermal decomposition	Not applicable
Evaporation rate	Not applicable
Explosion limits	Not determined
Auto-ignition temperature	Not applicable
Decomposition temp.	Not applicable
Relative density	Approx. 0.89
Vapour pressure	Not applicable
Vapour density	Not applicable
Water solubility	Miscible
Explosive properties	Not determined
Oxidising properties	Not determined
Partition coeff. Log _{Oct/water}	Not determined
9.2 Other information	None known.

10. STABILITY AND REACTIVITY

10.1 Reactivity	Hazardous polymerisation will not occur
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	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 determined			

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12. ECOLOGICAL INFORMATION

12.6 Other adverse effects None known.

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) UN 1170

14.2 Proper shipping name
(ADR, IMDG, IATA) ETHANOL SOLUTION

14.3 Transport class(s)
(ADR, IMDG, IATA) 3

14.4 Packing group
(ADR, IMDG, IATA) II

14.5 Environmental hazards
(ADR, IMDG, IATA) The product should NOT be marked as a marine pollutant.

14.6 Special procedures
(ADR, IMDG, IATA) Not applicable

14.7 Transport in bulk
(ADR, IMDG, IATA) Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 4) 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

Risk phrases/ hazard statements referred to in sections 2/3

R11: Highly flammable

H225: Highly flammable liquid and vapour.

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

Date of issue 24-10-2013

Safety data sheet prepared by Rising HS&E Services.

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