



SAFETY DATA SHEET

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|----------------------|-------------------------------------------------------------|----------------------|-----------|
| Product Name: | Alcohol Free Heavy Duty Hand & Surface Wipes | SDS Reference | BHS002b |
| Version No. 2 | Initial issue date September 24 th , 2013 | Revision date | 2-11-2016 |

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

Bioguard Alcohol Free Heavy Duty Hand & Surface Wipes

1.1 Product Identifier

HW1000 - 1000 Sheet Tub of Wipes - Individual Unit
HW800 - 800 Sheet Tub of Wipes - Individual Unit
HW500 - 500 Sheet Medium Tub of Wipes – 4 Units Per Box
HW150 - 150 Sheet Pot of Wipes - 12 Units Per Box
HW150REFILL - 150 Sheet Refill Bag of Wipes - 12 Units Per Box

1.2 Relevant Use(s)/misuse(s)

Hand & Surface cleaner and 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.

Telephone: +44(0)1604 592048

1.3.1 Manufacturer

Bioguard Hygiene Solutions Ltd.
64a St James Mill Rd
St James
Northampton NN5 5JP

Fax No: +44(0)1604 583854

Competent Person e-mail:

trevor@rising-hsande.co.uk

1.4 Emergency Telephone

+44(0)1604 592048 (office hours)

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

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

Not classified

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

Hazard statement(s) NONE

NONE

Precautionary statement(s) NONE

2.3 OTHER HAZARDS

NONE



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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>EINECS/ELINCS</u> | <u>Classification</u> | <u>Concentration</u> |
|-----------------------------------------------------------------|---------------|----------------------|-----------------------|----------------------|
| CITRIC ACID MONOHYDRATE (1,2,3-PROPANETRICARBOXYLIC ACID) | 5949-29-1 | NOT ASSIGNED | Eye Irrit.2 H319 | < 1.0% |

4. FIRST AID MEASURES

4.1 Description of measures

| | |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Inhalation | Not a normal route of exposure. |
| Skin contact | Clean areas 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, 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 | None known. |
| 5.3 Advice for fire fighters | Wear self-contained breathing |

6. ACCIDENTAL RELEASE MEASURES

| | |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.1 Personal precautions | Use suitable protective equipment (see section 8) |
| 6.2 Environmental precautions | Do not flush wipe material down the drain and into waste water. Dispose of wipe material through normal waste systems. 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 excess liquid with absorbent material, e.g. sand, sawdust into tightly closable 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

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|------------------------------------------|-------------------------------------------------------------|
| 7.1 Precautions for safe handling | Handle in accordance with good hygiene and safety practice. |
| 7.2 Conditions for safe storage | Keep containers closed, cool, dry and away from heat |
| 7.3. Specific end use(s) | Surface cleaner and disinfectant |



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| 8.1 Controls parameters | No OEL data are available. Comply with good practice. |
| 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 – not normally required. |
| Other protection | Protective overalls |

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

| | |
|-------------------------------------------------|---------------------------------------------------------------|
| Physical form | Impregnated wipe |
| Colour | Blue striped cloth with a Liquid is a clear to straw coloured |
| Odour | Characteristic |
| Odour threshold | Not determined |
| pH | 6.5-7.0 |
| Boiling pt / range | Approx. 100 °C |
| Melting pt / range | Approx. 0 °C |
| Flash point | Not applicable °C |
| Flammability | Not applicable |
| Thermal decomposition | Not applicable |
| Evaporation rate | Not applicable |
| Explosion limits | Not determined |
| Auto-ignition temperature | Not applicable |
| Decomposition temp. | Not applicable |
| Relative density | 1.01-1.025 |
| 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. |

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10. STABILITY AND REACTIVITY

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|---------------------------------------|---------------------------------------------|
| 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 | | | |
| 12.6 Other adverse effects | None known. | | | |

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures

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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |

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14. TRANSPORT INFORMATION

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|-------------------------------------------|----------------|
| 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 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

Hazard statements referred to in sections 2/3

H319: Causes serious eye irritation.

Sources of data

Other suppliers' safety data sheets, ECHA C&L Inventory

Date of issue

02-11-2016

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.

Safety data sheet prepared by Rising HS&E Services.