

# Safety Data Sheet

## Hygimax Sanitising Wipes

Issue 2 January 2019

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### Product identifier

**Product Name** Hygimax Antibacterial Hand & Surface Sanitising Wipes

Relevant identified uses of the substance or mixture and uses advised against

**Product Use** [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU10] Formulation (mixing) of preparations and/or re-packaging (excluding alloys); [PC8] Biocidal products (e.g. Disinfectants, pest control); [PROC8b] Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities; [ERC5] Industrial use resulting in inclusion into or onto a matrix; [AC8] Paper articles;  
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[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);

#### Details of the supplier of the safety data sheet

**Company Address** Bowling Vision  
Unit 2 Bushacre Court  
Garrard Way  
Kettering  
NN16 8TD  
United Kingdom  
  
Tel: 01536 412244  
Email: sales @bowlingvision.com

#### Emergency telephone number

**Emergency Telephone Number** 01536 412244

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**2.1.1. Classification-67/548/EEC** F; R11 Xi; R36 R67

Symbols: F: Flammable.

#### Main Hazards

Flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

**2.1.2.**

**Classification – EC 1272/2008**

Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336

#### 2.2 Label elements

**Hazard pictograms**



Single word	Danger
Hazard Statement	Flam. Liq. 2: H225 - Flammable liquid Eye Irrit. 2: H319 – Irritating to eyes.
Precautionary Statement: Prevention	P102 - Keep out of reach of children. P103 - Read label before use. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
Precautionary Statement:	P101 - If medical advice is needed, have product container or label at hand. P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - 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/doctor/ /if you feel unwell. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use extinguishing media appropriate to the surrounding fire conditions. Alcohol resistant foam, Carbon dioxide (CO2) to extinguish.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to a licensed waste disposal company in compliance with Local and national regulations.

### 2.3 Other hazards

Other hazards	This product does not contain any PBT or VPvB substances.
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## SECTION 3: Composition/information on ingredients

### 3.1 Substances

67/548/EEC/ 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Reg No.	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		70-70%%	F; R11, Xi; R36 R67
2-Methylpropan-2-ol	603-005-001	75-65-0	75-65-0		0-0.5%	F;R11 Xn;R20 Xi

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Reg No.	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		60-70%	Flam.Liq.2:H225
2-Methylpropan-2-ol	603-005-00-1	75-65-0	200-889-7		0-0.5%	Flam.Liq.2:H225 Acute Tox4: H332;Eye Irrit 2: H319; STOT SE 3:H335

### 3.2 Mixtures

	See section 3.1 for further information
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#### Further information

	For full text of H-statements and R-phrases: see SECTION 16.
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## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention irritation or symptoms persist.
Skin contact	No irritation expected. Seek medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water Seek medical attention it irritation or symptoms persist.

### 4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Vapours may cause drowsiness and dizziness.
Eye contact	May cause irritation to eyes.
Skin contact	No specific symptoms noted.
Ingestion	No specific symptoms noted.

### 4.3 Indication of any immediate medical attention and special treatment needed

	If you feel unwell, seek medical advice (show label where possible). No specific first aid measures noted.
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

	Alcohol resistant foam. Carbon dioxide (CO <sub>2</sub> ). Use extinguishing media appropriate to the surrounding fire conditions
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### 5.2 Special hazards arising from the substance or mixture

	None Determined
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### 5.3 Advice for firefighters

	<p>Wear protective gloves/protective clothing/eye protection/face protection. Wear suitable respiratory equipment when necessary. Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>Ground/bond container and receiving equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting// equipment. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.</p>
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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

	<p>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>Avoid breathing dust/fume/gas/mist/vapours/spray. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical ventilating/lighting// equipment. Use only non-sparking tools. Take precautionary measures against static discharge.</p> <p>Surfaces contaminated with the product will become slippery. Ensure adequate ventilation of the working area.</p>
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### 6.2 Environmental precautions

	Product is fully absorbed and cannot be spilled
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### 6.3 Methods and material for containment and cleaning up

	Product is fully absorbed and cannot be spilled
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### 6.4 Reference to other sections

	For waste disposal see Section 13. For personal protection see section 8.
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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

	<p>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>Avoid breathing dust/fume/gas/mist/vapours/spray. Keep container tightly closed. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Use only Non-sparking tools.</p> <p>Adopt best Manual Handling Considerations when handling, carrying and dispensing.</p>
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### 7.2 Conditions for safe storage, including any incompatibilities

	<p>Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Do NOT allow to freeze.</p>
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### 7.3 Specific end use(s)

	Restricted to professional users.
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 8.1.1. Exposure Limit Values

Ethanol 2-Methylpropan-2- ol	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500 WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250 WEL 15 min limit mg/m3 total inhalable dust WEL 15 min limit mg/m3 total respirable dust:
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## 8.2 Exposure Controls

8.2.1 Appropriate engineering controls	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep containers tightly closed. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/ equipment. Use only non-sparking tools. Keep in a cool, dry, well ventilated area.
8.2.2. Individual Protection measures	Eliminate all sources of ignition, ensure adequate ventilation of the working area
Eyes	In case of splashing, wear: Approved safety goggles. Provide eye wash station.
Skin protection - Hand protection	No precautions noted.
Respiratory protection	Avoid breathing dust/fume/gas/mist/vapours/spray. Wear suitable respiratory equipment when necessary.
8.2.3. Environmental exposure controls	Do not empty into drains. Do not flush into surface water. Prevent further spillage if safe.

## Further information

	Information valid at the time of review of safety data sheet.
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

State	Wet cloth
Colour	Colourless
Odour	Alcoholic
Odour threshold	Not determined
pH	Not determined
Melting point	Not determined
Freezing point	Not determined
Boiling point	Not determined
Flash point	18
Evaporation rate	Not determined
Flammability limits	Not determined
Vapour flammability	Not determined
Upper Explosive Limit	Not determined
Lower Explosive	Not determined

Limit	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	0.83 – 0.89
Partition coefficient (n-octano/water)	Not determined
Auto ignition temperature	Not determined
Viscosity	Not determined
Explosive	Not determined
Oxidising	Soluble in water
Solubility	

## 9.2 Other information

	Not relevant.
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

	Avoid sparks, flames, heat and sources of ignition.
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### 10.2 Chemical stability

	Stable under normal conditions. Will not decompose if stored and used as recommended.
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### 10.3 Possibility of hazardous reactions

	Strong acids and strong bases. Strong oxidising agents.
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### 10.4 Conditions to avoid

	Heat, sparks and open flames. Do NOT allow to freeze.
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### 10.5 Incompatible materials

	Strong acids. Strong bases. Strong oxidising agents.
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### 10.6 Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes.
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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity	Based on available data the classification criteria are not met.
Skin corrosion/irritation	Based on available data the classification criteria are not met.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity	No mutagenic effects reported
Carcinogenicity	No carcinogenic effects reported
Reproductive toxicity	No teratogenic effects reported
STOT-single exposure	May cause drowsiness or dizziness
STOT-repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	Based on available data the classification criteria are not met.

### 11.2 Toxicological Information

	No Data available
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**SECTION 12: Ecological Information**

## 12.1 Toxicity

No Data available

## 12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in the Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

## 12.3 Bio accumulative potential

No data is available on this product.

## 12.4 Mobility in soil

The product is soluble in water.

## 12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

## 12.6 Other adverse effects

Not Known.

**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Empty containers can be sent to landfill after cleaning, if in compliance, with local and national regulations.

**SECTION 14: Transport Information**

## 14.2 UN shipping name

ETHANOL SOLUTION UN1170

## 14.3 Transport hazard class (es)

## ADR/RID

Mixtures of solids which are not subject to the provisions of this Code and flammable liquids may be transported under this entry without first applying the classification criteria of class 4.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Each cargo transport unit shall be leak-proof when used as a bulk container. Sealed packets and articles containing less than 10 mL of a packing group II or III flammable liquid absorbed into a solid material are not subject to the provisions of this Code provided there is no free liquid in the packet or article.

## 14.4 Packing Group

## Packing Group

II

## 14.5 Environmental hazard

## Environmental hazard

No

## Marine pollutant

No

## 14.6 Special precautions for user

Not applicable.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## ADR/RID

216	Mixtures of solids which are not subject to the provisions of this Code and flammable liquids may be transported under this entry without first applying the classification criteria of class 4.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Each cargo transport unit shall be leak-proof when used as a bulk container. Sealed packets and articles containing less than 10 mL of a packing group II or III flammable liquid absorbed into a solid material are not subject to the provisions of this Code provided there is no free liquid in the packet or article.
Tunnel Category	(E)

IMDG

	The product is not classified as dangerous for carriage
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SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

	Commission Directive 2000/39/EC of 8 June 2000 established a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Commission Directive 91322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work
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15.2 Chemical safety assessment

	No chemical safety assessment has been carried out.
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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R11 - Flammable. R36 - Irritating to eyes. R67 - Vapours may cause drowsiness and dizziness.
Text of Hazard Statements in Section 3	Flam. Liq. 2: H225 – Flammable liquid. Eye Irrit. 2: H319 – Irrating to eyes STOT SE 3: H336 - May cause drowsiness or dizziness.
Glossary:	ADR European Agreement concerning the International Carriage of Dangerous Goods by Road IATA International Air Transport Association IMDG International Maritime Dangerous Goods PBT Persistent, bio-accumulative, toxic RID Convention concerning International Carriage by Rail vPvB very persistent, very bio-accumulative STOT Specific Target Organ Toxicity WEL Workplace Exposure Limit



## General Information

	Only trained personnel should use this material.
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## Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. It is the user's responsibility to satisfy him/her as to the suitability of such information for his/her own particular use.</p>
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