



International  
Water Solutions Ltd  
UK Head Office  
1A Bates Industrial Estate  
Church Road, Essex  
RM3 0HU, UK  
T: +44 (0) 333 000 1111

March 2020

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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### ANTI BACTERIAL HAND & Hard Surface Sanitising Spray & Wipes

Revision 17  
Revision date 2018-07-06

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

##### 1.1. Product identifier

Product name	ANTI BACTERIAL HAND & Hard Surface Sanitising Spray & Wipes
Product code	QAFS665

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);
Description	A carefully formulated alcohol hand sanitising spray and wipe especially useful when there is no water or washing facilities available also suitable for routine sanitising of hard surfaces i.e. toilet seats, work surfaces, keyboards etc.

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

Company	IWS Ltd
Address	Unit 1A Bates Industrial Estate Church Road Romford / Essex RM3 0HU
Web	www.iwatergroup.com
Telephone	Tel: +44 333 000 1111
Fax	
Email	info@iwatergroup.com
Email address of the competent person	info@iwatergroup.com

##### 1.4. Emergency telephone number

Emergency telephone number	+44 333 000 1111 8.30am to 17.00pm
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#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Flam. Liq. 2: H225; Eye Irrit. 2: H319;
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##### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Flam. Liq. 2: H225 - Highly flammable liquid and vapour.





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### 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	Eye Irrit. 2: H319 - Causes serious eye irritation. P102 - Keep out of reach of children. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>Precautionary Statement: Response</b>	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.
<b>Precautionary Statement: Storage</b>	P403+P235 - Store in a well-ventilated place. Keep cool.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to an approved disposal site, in accordance with local regulations.

### 2.3. Other hazards

<b>Other hazards</b>	PBT not identified as a PBT substance.
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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Glycerol (Glycerol, mist)		56-81-5	200-289-5		0.5 - 1%	
Ethanol: Ethyl Alcohol (Ethanol)		64-17-5	200-578-6	01-2119457610-43	60 - 70%	Flam. Liq. 2: H225; Eye Irrit. 2: H319;
1,6-BIS(N-P-CHLOROPHENYL-BI GUANIDO) HEXANE DIGLUCONATE		18472-51-0	242-354-0	01-2119946568-22	0 - 0.5%	Eye Dam. 1: H318; Aquatic Chronic 1: H410;

#### Further information

<b>Product Description &amp; Uses</b>	A carefully formulated alcohol hand sanitising spray and wipe especially useful when there is no water or washing facilities available also suitable for routine sanitising of hard surfaces i.e. toilet seats, work surfaces, keyboards etc.
<b>Product Shelf Life</b>	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
<b>Active Ingredients</b>	Antibacterial Hand and Hard Surface Santising Spray and Wipes contains Denatured Alcohol, aqua, Glycerin, Chlorhexidine Digluconate, Centrimonium Chloride, Isopropyl Myristate.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water. Contact lenses should be removed.
<b>Skin contact</b>	Remove contaminated clothing. Wash with water and soap as a precaution.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

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

<b>Inhalation</b>	High concentration of vapour in enclosed space may cause irritation, headaches and nausea. May cause irritation to respiratory system.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Skin contact</b>	May cause skin dryness and irritation. Prolonged contact may cause defatting of the skin.
<b>Ingestion</b>	May cause irritation to mucous membranes.

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

	TREAT SYMPTOMATICALLY.
<b>Inhalation</b>	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention





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<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	
<b>Skin contact</b>	if irritation or symptoms persist.
	Seek medical attention if irritation or symptoms persist.
	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.
<b>General information</b>	
	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
<b>SECTION 5: Firefighting measures</b>	
<b>5.1. Extinguishing media</b>	
	Highly flammable liquid and vapour. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>5.2. Special hazards arising from the substance or mixture</b>	
	Highly flammable liquid and vapour. Burning produces irritating, toxic and obnoxious fumes.
<b>5.3. Advice for firefighters</b>	
	Wear suitable respiratory equipment when necessary.
<b>Further information</b>	
	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>SECTION 6: Accidental release measures</b>	
<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
	Wear suitable protective equipment. Highly flammable liquid and vapour. Avoid sparks, flames, heat and sources of ignition.
<b>6.2. Environmental precautions</b>	
	Advise local authorities if large spills cannot be contained.
<b>6.3. Methods and material for containment and cleaning up</b>	
	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Avoid sparks, flames, heat and sources of ignition.
<b>6.4. Reference to other sections</b>	
	See section 2, 7, 8, 13 for further information.
<b>SECTION 7: Handling and storage</b>	
<b>7.1. Precautions for safe handling</b>	
	Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	
	Highly flammable liquid and vapour. Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light. Store in a well-ventilated place. Keep cool. Store in original container. Keep container tightly closed. Keep away from combustible material. Keep out of the reach of children.
<b>7.3. Specific end use(s)</b>	
	No data is available on this product.
<b>Suitable packaging</b>	
	Plastic containers.
<b>SECTION 8: Exposure controls/personal protection</b>	
<b>8.1. Control parameters</b>	





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### 8.1. Control parameters

	Occupational exposure controls.
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#### 8.1.1. Exposure Limit Values

Ethanol: Ethyl Alcohol (Ethanol)	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m3: 1920
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -
Glycerol (Glycerol, mist)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -

### 8.2. Exposure controls

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.
<b>8.2.1. Appropriate engineering controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.
<b>Eye / face protection</b>	Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.
<b>Skin protection - Handprotection</b>	Rubber gloves.
<b>Respiratory protection</b>	No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.
<b>8.2.3. Environmental exposure controls</b>	Prevent further leakage or spillage if safe to do so.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Clear
<b>Odour</b>	Alcoholic
<b>pH</b>	6.5 - 7.9
<b>Melting point</b>	No data available
<b>Initial boiling point</b>	75 - 78 °C
<b>Flash point</b>	20 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	< 25 centipoise
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	No data available





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### 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Specific gravity</b>	0.882 - 0.887 g/cm <sup>3</sup>
<b>Bulk Density</b>	No data available
<b>Gas group</b>	No data available
<b>Benzene Content</b>	Not applicable.
<b>Lead content</b>	Not applicable.
<b>VOC (Volatile organic compounds)</b>	Not applicable.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

	Highly flammable liquid and vapour. Stable under normal conditions.
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#### 10.2. Chemical stability

	Flammable liquid. Stable under normal conditions.
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#### 10.3. Possibility of hazardous reactions

	Oxidising agents. Combustible materials.
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#### 10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light.
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#### 10.5. Incompatible materials

	Oxidising agents.
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#### 10.6. Hazardous decomposition products

	No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).
<b>Acute toxicity</b>	based on available data the classification criteria are not met.
<b>Skin corrosion/irritation</b>	based on available data the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Eye Irrit. 2: H319 - Causes serious eye irritation.
<b>Respiratory or skin sensitisation</b>	based on available data the classification criteria are not met.
<b>Germ cell mutagenicity</b>	based on available data the classification criteria are not met.
<b>Carcinogenicity</b>	based on available data the classification criteria are not met.
<b>Reproductive toxicity</b>	based on available data the classification criteria are not met.
<b>STOT-single exposure</b>	based on available data the classification criteria are not met.
<b>STOT-repeated exposure</b>	based on available data the classification criteria are not met.
<b>Aspiration hazard</b>	based on available data the classification criteria are not met.

#### 11.1.2. Mixtures

	No data available.
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#### 11.1.3. Hazard Information

	No data available.
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#### 11.1.4. Toxicological Information

<b>Ethanol: Ethyl Alcohol</b>	<b>Oral Rat LD50:</b> >2000 mg/kg	<b>Dermal Rabbit LD50:</b> >2000 mg/kg
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SECTION 12: Ecological information				
<b>12.1. Toxicity</b>				
	No data available			
<b>12.2. Persistence and degradability</b>				
	Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.			
<b>12.3. Bioaccumulative potential</b>				
	No data is available on this product.			
<b>Partition coefficient</b>				
	<table border="0"> <tr> <td><b>ANTI BACTERIAL HAND &amp; Hard Surface Sanitising Spray &amp; Wipes</b></td> <td>No data available</td> <td><b>Ethanol: Ethyl Alcohol</b> 0.35 log P</td> </tr> </table>	<b>ANTI BACTERIAL HAND &amp; Hard Surface Sanitising Spray &amp; Wipes</b>	No data available	<b>Ethanol: Ethyl Alcohol</b> 0.35 log P
<b>ANTI BACTERIAL HAND &amp; Hard Surface Sanitising Spray &amp; Wipes</b>	No data available	<b>Ethanol: Ethyl Alcohol</b> 0.35 log P		
<b>12.4. Mobility in soil</b>				
	No data is available on this product.			
<b>12.5. Results of PBT and vPvB assessment</b>				
	No data is available on this product.			
<b>12.6. Other adverse effects</b>				
	No data available.			
SECTION 13: Disposal considerations				
<b>13.1. Waste treatment methods</b>				
	Dispose of waste and residues in accordance with local authority requirements.			
<b>General information</b>				
	Dispose of in compliance with all local and national requirements.			
<b>Disposal of packaging</b>				
	Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.			
SECTION 14: Transport information				
<b>Hazard pictograms</b>				
				
<b>14.1. UN number</b>				
	UN1170			
<b>14.2. UN proper shipping name</b>				
	ETHYL ALCOHOL SOLUTION			
<b>14.3. Transport hazard class(es)</b>				
<b>ADR/RID</b>	3			
<b>Subsidiary risk</b>	-			
<b>IMDG</b>	3			
<b>Subsidiary risk</b>	-			
<b>IATA</b>	3			







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<b>14.3. Transport hazard class(es)</b>	
Subsidiary risk	-
<b>14.4. Packing group</b>	
Packing group	II
<b>14.5. Environmental hazards</b>	
Environmental hazards	No
Marine pollutant	No
<b>14.6. Special precautions for user</b>	
	No additional special precautions.
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	
	Not applicable.
<b>ADR/RID</b>	
Hazard ID	33
Tunnel Category	(D/E)
<b>IMDG</b>	
EmS Code	F-E S-D
<b>IATA</b>	
Packing Instruction (Cargo)	364
Maximum quantity	60 L
Packing Instruction (Passenger)	353
Maximum quantity	5 L
<b>SECTION 15: Regulatory information</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
Regulations	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, 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.  COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, 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.
<b>15.2. Chemical safety assessment</b>	
	No information available.
<b>SECTION 16: Other information</b>	
<b>Other information</b>	
Revision	This document differs from the previous version in the following areas: 4 - Eye contact. 11 - 11.1.4. Toxicological Information. 11 - 11.1. Information on toxicological effects. 11 - Serious eye damage/irritation. 12 - 12.1. Toxicity.





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Other information	
<b>Data sources</b>	16 - Data sources. Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008: Flam. Liq. 3: H226 - Flammable liquid and vapour. - Flash Point - 20 degC. Eye Irrit. 2: H319 - Causes serious eye irritation. - Calculation Method.
<b>Text of Hazard Statements in Section 3</b>	Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Further information	
	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. 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.

