



SAFETY DATA SHEET

Compilation date:	27/4/2020				
Revision date:	N/A	Revision No:	N/A		

According to EC Regulations 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

Anti Bioagent Decontamination (ABD) Technology

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product identifier

Product Name:	Anti Bioagent Decontamination (ABD) Technology
REACH:	All ingredients in this formulation have been registered (where required) for applicable use

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

Identified Uses:	Decontamination wipe for the removal/capture of pathogens on hard and skin surfaces.
Advised Against	For professional use only.

1.3. Details of the supplier of the safety data sheet

Company:	Aquila Bioscience
Address:	204 Business Innovation Centre, NUI Galway, NUI Galway,
Email:	info@aquilabioscience.com
Phone:	+353 86 367 9288

1.4. Emergency telephone number

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Phone:	+353 86 367 9288 (GMT, English spoken, Mon-Fri 08.00 to 17.00)				
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Section 2: Hazards Identification

2.1. Classification of the substance or mixture					
	2.1.1 Regulation (EC) No. 1272/2008:	Not applicable			
	2.1.2 Directive 67/548/EEC & directive 1999/45/EC:	Not applicable			
2.2. Label elements					
	2.2.1. Label elements:	Product name:	Anti Bioagent Decontamination (ABD) Technology		
		Hazard pictogram(s):	Not applicable		
		Signal word(s)	Not applicable		
		Hazard statement(s):	Not applicable		
		Precautionary statement	Not applicable		
		Supplementary hazard	Not known		
2.3. Other hazards					
	2.3.1. PBT:	This product is not identified as a PBT/vPvB substance.			



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Section 3: Composition/Information on Ingredients

3.1. Mixtures						
Substance Name	CAS#	EC#	% by weight	REACH No.	Classification	
Potassium Chloride	7447-40-7	231-211-8	<1%	01-2119539416-36-XXXX	H319, H315, H335, H225, H314, H319, H373, H412, H302, H411	
Sodium chloride	7647-14-5	231-598-3	<1%	01-2119485491-33-XXXX	H315, H316, H318, H319, H320, H335, H373	
Sodium phosphate dibasic dihydrate	10028-24-7	600-053-5	<1%	NA	H319, H302	
Potassium phosphate monobasic	7778-77-0	231-913-4	<1%	01-2119490224-41-XXXX	H302, H314, H315, H318, H319, H332, H335	
ABD Proprietary Product	N/A	N/A	<1%			
De-Ionised Water	N/A	N/A	99%			



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Section 4: First Aid Measures

4.1. Description of first aid measures

Skin contact:	None
Eye contact:	None
Ingestion:	None
Inhalation:	None

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

Skin contact:	No symptoms
Eye contact:	No symptoms
Ingestion:	No symptoms
Inhalation:	No symptoms

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

Treat symptomatically.

Section 5: Fire-fighting Measures



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5.1. Extinguishing media:

Suitable Extinguishing Media	In event of fire, use specifically suitable extinguishing agents appropriate for the fire.
Unsuitable Extinguishing Media:	None known

5.2. Special hazards arising from the substance or mixture

Specific hazard during firefighting:	Keep away from heat and source of ignition.
Hazardous combustion products:	Decomposition products may include the following materials:
	Carbon oxides
	Oxides of phosphorus and sodium

5.3. Advice for fire-fighters

Advice for fire-fighters	Wear self-contained breathing apparatus. Use personal protective equipment
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Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Adopt best Manual Handling considerations when handling, carrying and dispensing.

6.2. Environmental precautions



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	Environmental precautions:	None required			
6.3. Methods and material for containment and cleaning up					
	Clean-up procedures:	None required			
6.4. Reference to other sections					
	Reference to other sections:	See Section 1 for emergency contact information			
		For personal protection see Section 8			
		See Section 13 for additional waste treatment information			

Section 7: Handling and Storage

7.1. Precautions for safe handling					
	Handling requirements:	None required			
7.2. Conditions for safe storage, including any incompatibilities					
	Storage conditions:	Store in cool, well ventilated area.			
	Suitable packaging:	Must only be kept in unopened original packaging.			



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7.3. Specific end use(s)

Specific end use(s): Can be used on face, body and surfaces. For professional use only.

Section 8: Exposure Controls/Personal Protection

8.1. Control parameters

Hazardous ingredients: Not classified

DNEL/PNEC Values: Not classified

8.2. Exposure controls

Respiratory protection: No special protective equipment required.

Hand protection: No special protective equipment required.

Eye protection: No special protective equipment required.

Skin protection: No special protective equipment required.

Thermal hazard: No special protective equipment required.

Section 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties



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	State:	Aqueous solution impregnated into a cellulose-based wipe material.			
	Colour:	White			
	Evaporation rate:	No data available			
	Oxidising:	No data available			
	Solubility in water	Impregnated fluid is soluble in water			
	Viscosity:	No data available			
	Boiling point/range°C	No data available	Melting point/range	No data available	
	Flammability limits %: lower	No data available	upper	No data available	
	Flash point°C:	No data available	Part.coeff. n-octan	No data available	
	Autoflammability°C:	No data available	Vapour pressure	No data available	
	Relative density:	No data available	pH:	7.4	
	VOC g/l:	No data available			

9.2. Other information

	Other information:	No data available			
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Section 10: Stability and Reactivity

	10.1. Reactivity				
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Anti Bioagent Decontamination (ABD) Technology					
	Reactivity:	Stable under recommended transport or storage conditions			
10.2. Chemical stability					
	Chemical stability:	Stable under normal conditions.			
10.3. Possibility of hazardous reactions					
	Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions Decomposition may occur on exposure to conditions or materials listed below.			
10.4. Conditions to avoid					
	Conditions to avoid:	Heat Water			
10.5. Incompatible materials					
	Materials to avoid:	Strong oxidising agents. Strong acids.			
10.6. Hazardous decomposition products					
	Hazardous decomposition product(s)	Decomposition products may include the following materials: Carbon oxides			



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Oxides of phosphorus and sodium

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients: Not classified

11.2. Symptoms / routes of exposure

Ingestion	There is no data available for this product.
Inhalation	There is no data available for this product.
Skin contact	There is no data available for this product.
Eye contact	There is no data available for this product.
Skin corrosion/irritation	There is no data available for this product.
Serious eye damage/irritation	There is no data available for this product.
Respiratory or skin sensitisation	There is no data available for this product.
Germ cell mutagenicity	There is no data available for this product.
Carcinogenicity	There is no data available for this product.
Reproductive toxicity	There is no data available for this product.
STOT – single exposure	There is no data available for this product.



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	STOT – repeated exposure	There is no data available for this product.			
	Aspiration hazard	There is no data available for this product.			

Section 12: Ecological information

	12.1. Toxicity	No data available			
	12.2. Persistence and degradability	No data available			
	12.3. Bioaccumulative potential	No data available			
	12.4. Mobility in soil	No data available			
	12.5. Results of PBT and vPvB assessment	Mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.			
	12.6. Other adverse effects	No data available			

Section 13: Disposal considerations



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13.1. Waste treatment methods	Where possible recycling is preferred to disposal or incineration.
	If recycling is not practicable, dispose of in compliance with local regulation.

Section 14: Transport information

This product is not classified as dangerous goods for transport in regards to the transport regulations.	
Land transport (ADR/AND/RID)	
14.1 UN number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packaging group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	Not applicable
Sea transport (IMDG/IMO)	
14.1 UN number	Not applicable
14.2 UN proper shipping name	Not applicable



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14.3 Transport hazard class(es)	Not applicable				
14.4 Packaging group	Not applicable				
14.5 Environmental hazards	Not applicable				
14.6 Special precautions for user	Not applicable				
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	Not applicable				
Air Transport (IATA)					
14.1 UN number	Not applicable				
14.2 UN proper shipping name	Not applicable				
14.3 Transport hazard class(es)	Not applicable				
14.4 Packaging group	Not applicable				
14.5 Environmental hazards	Not applicable				
14.6 Special precautions for user	Not applicable				
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	Not applicable				

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture		
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Anti Bioagent Decontamination (ABD) Technology					
	Specific regulations:	This product has been classified in accordance with CLP and CHIP regulations and compiled in accordance with Annex II of REACH.			
	15.2. Chemical Safety Assessment	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.			
Section 16: Other information					
	16.1. Other information	This safety data sheet is prepared in accordance with EC Regulations 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830 (EU)			
	Full text or Hazard statements and Precautionary Statement mentioned under sections 2 and 3:				
	Legal disclaimer:	The information given in this safety data sheet is given in good faith and to the best of our knowledge is correct. No liability is accepted for any loss or damage arising directly from the use of the company's products or from the use of the information given in this safety data sheet, In particular, economical loss unless required by law.			