

Conform to Regulation (EC) N°1907/2006 (REACH), Annex II as amended by Regulation (EU) N°453/2010

Product: CHARM Anti-Bac Spray 300 mL  
Version 1.0

Date prepared: 23/06/2020

## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY/UNDERTAKING

#### 1.1. Product Identification

CHARM Anti-Bacterial Aerosol Spray 300 mL

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

Product use: Disinfectant

#### 1.3. Details of the supplier of the mixture

Manufacture/Supplier: Barony Universal Products Plc  
5 Riverside Way  
Riverside Business Park  
Irvine  
Ayrshire  
KA11 5DJ  
[info@baronyuniversal.com](mailto:info@baronyuniversal.com)

#### 1.4 Emergency telephone number

UK Telephone no: 01294 219400 (8.30-17.00, UK time)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No.1272/2008 {CLP/GHS}	
Hazard classes/Hazard categories	Hazard Statement
Extremely flammable aerosol	H222
Pressurised container: May burst if heated.	H229
Causes skin irritation	H315
Causes serious eye irritation	H319
Harmful if swallowed	H302

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## 2.2 Label Elements

Labelling according to CLP (EU) N°1272/2008

Hazard pictogram(s):



Signal word:

Danger

Hazard statements:

H222 Extremely flammable aerosol  
H229 Pressurised container: May burst if heated.  
H302 Harmful if swallowed  
H315 Causes skin irritation  
H319 Causes serious eye irritation

Precautionary statements:

P410 Protect from sunlight.  
P412 Do not expose to temperatures exceeding 50°C.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 Do not pierce or burn even after use  
P102 Keep out of reach of children  
P301 + P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P337 + P313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical advice/attention

## 2.2 Other hazards:

No data available

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### SECTION 3. COMPOSITION /INFORMATION ON INGREDIENTS

#### 3.1 Substances:

Not applicable, product is a mixture.

#### 3.1 Mixtures:

Hazardous components

<u>Chemical name</u>	<u>CAS N°</u> <u>EC N°</u>	<u>%</u> <u>[weight]</u>	<u>Classification</u> <u>Regulation (EC) N</u> <u>°1272/2008</u>	<u>REACH</u> <u>registration N°</u>
Butane	106-97-8 203-448-7	10-50	Flam. Gas 1, H220 Press. Gas, H280	01-2119474691-32-0000
Isobutane	75-28-5 200-857-2	10-50	Flam. Gas 1, H220 Press. Gas, H280	01-2119485395-27-0000
Propane	74-98-6 200-827-9	10-50	Flam. Gas 1, H220 Press. Gas, H280	01-2119486944-21-0000
Alcohol denat.	603-002-00-5 200-578-6	1-50	Flam. Liq. 2, H225 Eye Irrit. 2, H319	01-2119457610-43-0000
Alkyl dimethyl benzyl ammonium chloride.	68424-85-1 270-325-2	Less than 1	Harmful if swallowed H302, Causes severe skin burns and eye damage H314, Very toxic to aquatic life with long lasting effects H410	01-2119970550-39-0000

There are no additional ingredients present which, with the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### SECTION 4. FIRST AID MEASURES

#### 4.1 Description of First Aid Measures

##### **Inhalation**

Remove patient from exposure to fresh air, rest and keep warm in a position comfortable for breathing. If breathing has stopped, apply artificial respiration. Seek medical advice if symptoms persist

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<b>Eye Contact</b>	Immediately flush eye with water or standard eye wash solution for at least 15 minutes. Remove any contact lenses. Seek medical advice if symptoms persist.
<b>Skin Contact</b>	Flush immediately with plenty of water, seek medical advice if Irritation persists. Remove any contaminated clothing, shoes, jewellery and wash before reuse.
<b>Ingestion</b>	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. Seek medical advice if symptoms persist.
<b>Protection of first-aiders:</b>	No action shall be taken involving any personal risk or without suitable training. Wear suitable protective clothing, gloves and eye protection

#### **4.2 Most important symptoms/effects, acute & delayed**

##### **Potential acute health effects**

Eye contact:	Causes serious eye irritation
Inhalation:	No known significant effects or hazards.
Skin contact:	Causes skin irritation
Ingestion:	Harmful if swallowed

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

None expected, see section 4.1 for further information

### **SECTION 5. FIRE FIGHTING MEASURES**

#### **5.1 Extinguishing media** :

Suitable extinguishing: media	CO2, foam, dry chemical or skilled use of water spray.
Unsuitable extinguishing: Media	Do not use water jet.

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## 5.2 Special hazards arising from the substance or mixture

Hazard from the substance or mixture : Flammable aerosol. In a fire or if heated, a pressure increase will occur, and the container may burst, with the risk of a subsequent explosion. Bursting aerosol containers may be propelled from a fire at high speed.

Special Exposure Hazards: Beware of exploding cans.

## 5.3 Advice for fire fighters:

Extremely Flammable product. Container liable to explode if subjected to extreme temperatures >50°C. Protective Equipment for Fire-fighters: Self-contained breathing apparatus and protective clothing. Standard procedure for chemical fires. Prevent fire-fighting water entering water courses or ground water.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

**6.1.1. For non-emergency personnel** Evacuate surrounding areas.  
Remove all ignition sources. Ensure adequate ventilation.  
Wear appropriate personal protective equipment. See personal protective equipment in section 8.

**6.1.2 For emergency responders:** See the information “for non-emergency personnel  
See personal protective equipment in section 8.  
Large spills/enclosed spaces: a self-contained breathing apparatus is recommended. Monitor area with combustible gas meter if necessary.

**6.2 Environmental: Precautions** Avoid dispersal of split material and contact with soil, waterways, drains, and sewers. Inform the relevant Authorities if the product has caused environmental pollution (sewers, waterways, soil and air)

### 6.3 Method and materials for containment and clean up

**Small spill:** Stop leak if without risk. Move containers from spill area.  
Dilute with water and mop up if water-soluble.

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**Large spill:**

Stop leak without risk. Move containers from spill area. Approach the release from upwind. Prevent entry to sewers, water courses, basements or confined areas. Absorb spillage with non-combustible, absorbent material e.g sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product.

**6.4 Reference to other Sections**

See section 13.

**SECTION 7. HANDLING AND STORAGE**

The information in this section contains generic advice and guidance.

**7.1 Precautions for safe handling protective measures**

Put on appropriate personal protective equipment (see section 8). Wear appropriate respirator when ventilation is inadequate. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas, vapour or mist. Use only with adequate ventilation.

Do not pierce or burn, even after use. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.

**7.2 Conditions for safe Storage, including any incompatibilities**

Pressurised container: protect from sunlight and do not exposure to temperature exceeding 50°C  
Store away from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see section 10), food and drink. Store and use away from heat, sparks, open flame or any other ignition source. Use appropriate containment to avoid environmental contamination

**7.3 Specific end uses: Recommendations Industrial sector specific solutions**

Not available

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational exposure limits

##### Limit value UK

Substance name	CAS	Occupational exposure limit	Ppm	mg/m <sup>3</sup>
Ethanol	603—002-00-5	Time weighted average exposure limit 8h	1000	1920

**Biological Exposure Index (BEI):** No biological limit allocated.

#### Derived No Effect Levels (DNEL):

General population  
Ethanol

Effect level (DNEL/ DMEL)	Type	Value
DNEL	Acute local effects inhalation	950 mg/m <sup>3</sup>
	Long-term systemic effects dermal	206 mg/kg bw/ day
	Long-term systemic effects oral	114 mg/m <sup>3</sup>
	Long-term systemic effects oral	87 mg/kg bw/ day

#### PNEC related information:

Ethanol

Compartments	Value
Fresh water	0.96 mg/l
Marine water	0.79 mg/l
Fresh water sediment	3.6 mg/kg sediment dw
Soil	0.63 mg/kg soil dw
STP	580 mg/l

### 8.2 Exposure controls

Not applicable

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

#### Appearance

Physical Form:	Aerosol Container/Spray
Colour:	N/A
Odour:	Characteristic
Odour threshold	N/A
pH	8 +/-1
Melting Point/freezing point:	N/A
Boiling Point:	N/A
Flash Point:	N/A
Evaporation rate	N/A
Flammability:	Extremely flammable
Vapour Pressure:	4 bar at 25 C
Vapour density	N/A
Density:	N/A
Water Solubility:	Not determined
Other Solubility:	Not determined
Partition Coefficient:	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	N/A
Explosive properties	N/A
Oxidising properties	N/A

### 9.2 Other information

Other information N/A

## SECTION 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable product under recommended storage and handling conditions.

### 10.2 Chemical stability

Stable product under recommended storage and handling conditions.



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<b>10.3 Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>10.4 Conditions to avoid</b>	Avoid all possible source of ignition (spark or flame), high temperature
<b>10.5 Incompatible materials</b>	Oxidising agents
<b>10.6 Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition will not occur
<b>Thermal decomposition:</b>	Stable under normal conditions.
<b>Conditions to avoid:</b>	High temperature, sparks, naked flame.

## **SECTION 11. Toxicological information**

**Acute toxicity:** based on available data, the classification criteria are not met  
**Irritation** : based on available data, the classification criteria are not met  
**Corrosivity** : based on available data, the classification criteria are not met  
**Sensitisation** : based on available data, the classification criteria are not met  
**Repeated dose toxicity:** based on available data, the classification criteria are not met  
**Carcinogenicity:** based on available data, the classification criteria are not met  
**Mutagenicity** : based on available data, the classification criteria are not met  
**Toxicity for reproduction:** based on available data, the classification criteria are not met

Classification of the mixture is based on the relevant ingredient of the mixture

## **SECTION 12. Ecological information**

### **12.1 Toxicity**

Based on available data, the classification criteria are not met

### **12.2 Persistence & Degradability**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility**

No data available

### **12.5 Results of PBT and vPvB assessment.**

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No data available

### 12.6 Other adverse environmental effects

N/A

## SECTION 13. Disposal Conditions

### 13.1 Waste treatments methods

Dispose of in accordance with local regulations. Waste products is considered as hazardous waste and disposed via licences operator. European Waste Catalogue Index 150111 (empty container) 1602504 (full container)

## SECTION 14. Transport Information

	Land transport (ADR/RID)	Sea Transport (IMDG)	Air transport (IATA)
<b>14.1 UN no</b>	UN1950	UN1950	UN1950
<b>14.2 UN proper shipping name</b>	Aerosols	Aerosols	Aerosols
<b>14.3 Transport hazard classes</b>	Class 2.1	Class 2.1	Class 2.1
<b>14.3 Packing group</b>	None	None	None
<b>14.5 Environmental hazards</b>	Refer to section 2	Refer to section 2	Refer to section 2

### 14.6 Special precautions for user

None

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

Not applicable

## SECTION 15. Regulatory Information

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

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Aerosol Dispenser Directive 2013/10/EU

<b>SECTION 16. Other Information</b>
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**Revision comment**

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