

**SAFETY DATA SHEET***In accordance with Annex II of Regulations (EC) 1907/2006 as amended by Regulation (EU) 830/2015***1 IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY****1.1 Product identifier**Product Name: **Anti-bac Hand Soap****1.2 Relevant identified uses of the substance or mixture and uses advised against  
Identified uses:****PT1 Human Hygiene Biocidal Product** – For professional use only**Uses advised against:**

Uses other than those identified are not recommended

**1.3 Details of the supplier of the safety data sheet**Company Name: Gannon Chemicals Ltd  
Ballindine, Claremorris  
Co. Mayo, Ireland  
Email address of SDS author: paul@gannonchemicals.ie**1.4 Emergency Telephone Number**

Members of Public: +353 (1) 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week)

Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

**2 HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture***Classification according to Regulation (EC) No 1272/2008*

<b>Physical hazards</b>	Not Classified	
<b>Health hazards</b>	Serious eye damage/eye irritation, Category 1	H318
<b>Environmental hazards</b>	Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

**2.2 Label elements**

Signal word (CLP)

**Danger****Hazard statement(s)**H318 Causes serious eye damage  
H411 Toxic to aquatic life with long lasting effects**Precautionary statement(s)**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  
P273 - Avoid release to the environment.  
P401 Store in accordance with local regulations.  
P501 Dispose of contents/ container in accordance with local regulations**Further indications on the label:**BPR001 Use biocides safely. Always read the label and product information before use.  
Eye protection not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

### 2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Product/Ingredient Name	CAS No.	EC No.	EC Number	Regulation (EC) No 1272/2008 [CLP]
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,Ndimethyl-, N-C8-18(even numbered) acyl derivs.,hydroxides, inner salts	97862-59-4	931-296-8	<10	Eye Dam. 2: H319 Skin Irrit. 2: H315
Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)	68155-07-7	931-329-6	<10	Skin Irrit.2; H315 Eye Irrit.1; H318
1,6-Bis(N-p-chlorophenyl-biguanido) hexane digluconate	18472-51-0	242-354-0	<10	Eye Dam. 1: H318; Aquatic Chronic 3: H412

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

- |       |                                    |                                                                                                                   |
|-------|------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 4.1.1 | General Information                | Immediately remove contaminated clothing.                                                                         |
| 4.1.2 | Following Inhalation               | Not applicable.                                                                                                   |
| 4.1.3 | following skin contact             | Rinse thoroughly with water.                                                                                      |
| 4.1.4 | Following Eye Contact              | Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. |
| 4.1.5 | Following Ingestion                | Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.                               |
| 4.1.6 | Self-protection of the first aider |                                                                                                                   |

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

Symptoms: Eye irritation

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

## 5 FIRE FIGHTING MEASURES

### 5.1 Extinguishing media:

Suitable extinguishing media: The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire

Unsuitable extinguishing media:

### 5.2 Special hazards arising from the substance or mixture

No known hazardous decomposition products.

### 5.3 Advice for fire-fighters

Special protective equipment: No specific firefighting precautions known

### 5.4 Additional information

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

## 6 ACCIDENTAL RELEASE MEASURES

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

Avoid contact with eyes

### 6.2 Environmental precautions

Not considered to be a significant hazard due to the small quantities used

### 6.3 Methods and material for containment and cleaning up

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

### 6.4 Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

## 7 HANDLING AND STORAGE

7.1	Precautions for safe handling	Avoid contact with eyes
7.2	Conditions for safe storage, including any incompatibilities	Store at normal room temperature and keep container tightly closed. Keep out of reach of children. No special precautions necessary for protection against fire and explosion. Store away from strong bases.
7.3	Precautions for safe handling	For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1. Control parameters

### 8.2. Exposure controls

Components with occupational exposure limits - No occupational exposure limits known.

#### Hand protection:

Not applicable.

#### Eye protection:

No special requirements under normal use conditions. Wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes

#### Body protection:

No special requirements under normal use conditions.

### General safety and hygiene measures

No special requirements under normal use conditions.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

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

(a)	Form	Liquid
(b)	Colour	Clear
(c)	Odour	Slight Detergent
(d)	pH value(100% solution)	5.3 – 6.0
(e)	Melting point/range (°C):	Not Determined
(f)	Initial boiling point/range (°C):	Not Determined
(g)	Decomposition temperature (°C)	Not Determined
(h)	Flash point (°C):	Not Determined
(i)	Ignition temperature (°C)	Not Determined
(j)	Vapour pressure (hPa) at ...°C)	Not Determined
(k)	Vapour density (air=1)	Not Determined
(l)	Density (g/cm <sup>3</sup> ) at 20°C	1.01
(m)	Bulk density (kg/m <sup>3</sup> )	Not Determined
(n)	Water solubility (20°C in g/l)	Completely
(o)	Solubility(ies):	Not Determined
(p)	Partition coefficient	Not Determined
(q)	Viscosity, dynamic (mPa s):	Not Determined

## 9.2 Other information

Incompatible with strong bases

### 10 STABILITY AND REACTIVITY

#### 10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

#### 10.2 Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

#### 10.4 Conditions to avoid

See SDS section 7 - Handling and storage.

#### 10.5 Incompatible materials

None known under normal use conditions.

#### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

### 11 TOXICOLOGICAL INFORMATION

#### 11.2.2 Mixtures

No test data is available on the mixture.

Substance data, where relevant and available, are listed below

Substance	Acute toxicity	Skin corrosion/irritation	Serious eye damage/eye irritation	Respiratory or skin sensitisation
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,Ndimethyl-, N-C8-18(even numbered) acyl derivs.,hydroxides, inner salts	LD50 oral rat 2000 mg/kg LD50 dermal rat 5000 mg/kg	Not classified	Causes serious eye damage	Not classified
Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	LD50 oral rat 2335 mg/kg LD50 dermal rat >2000 mg/kg	Causes skin irritation	Causes serious eye damage	Non-sensitiser to skin.
1,6-Bis(N-p-chlorophenyl-biguanido) hexane digluconate	LD50 oral rat >2000 mg/kg LD50 dermal rat >2000 mg/kg	Not classified	No information available	No information available

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**12 ECOLOGICAL INFORMATION**

Substance	Toxicity	Persistence and Degradability	Bio accumulative potential	Mobility in soil
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,Ndimethyl-, N-C8-18(even numbered) acyl derivs.,hydroxides, inner salts	LC50 fish 1 1,1 mg/l EC50 Daphnia 1 1,9 mg/l ErC50 (algae) 2,4 mg/l NOEC (chronic) 0,135 mg/l	This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.	Bioconcentration factor (BCF REACH) 71 Log Kow 4,2	No additional information available
Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	- LC50, Fish (Danio rerio): >4.9 mg/l (96 h). - EC50, Crustacea (Daphnia magna): >3.2 mg/l (48 h). - ErC50, Algae (Scenedesmus subspicatus): >18.6 mg/l (72 h)	Readily biodegradable	Low	Soil/water partition coefficient (KOC) 243
1,6-Bis(N-p-chlorophenyl-biguanido) hexane digluconate	LC50 (Brachidanio rerio): 10.4 mg/l, 96 h EC50 (Daphnia magna): 0,05 - 0,1 mg/l, 48 h	Readily biodegradable., OECD 301D / EEC 84/449 C6	Accumulation in aquatic organisms is expected.	No data available

**13 DISPOSAL**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**European Waste Catalogue:** 20 01 30 - detergents other than those mentioned in 20 01 29.

Packaging may be reused or recycled after cleaning. If recycling is not possible, dispose according to the local regulations.

**Recommended cleansing agents:** Water, if necessary together with cleansing agents.

**14 TRANSPORT INFORMATION**

**ADR, RID, ADN, IMO/IMDG, ICAO/IATA**

- 14.1 UN number:** 3082  
**14.2 UN proper shipping name:** Environmentally hazardous substance, liquid, n.o.s. (contains Chlorhexidine digluconate)  
**14.3 Transport hazard class(es):**  
**Class:** Class 9  
**Label(s):** Packing group III  
**14.4 Packing group:** Packing group III  
**14.5 Environmental hazards:**  
**Environmentally hazardous:** Very toxic to aquatic life with long lasting effects  
**Marine pollutant:** Non-dangerous goods

**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

<b>15 REGULATORY INFORMATION</b>
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**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
Not applicable

**15.2 Chemical Safety Assessment**  
Not applicable

<b>16 OTHER INFORMATION</b>
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This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

Date **30/11/2020**

Revision Number: 8

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