

## SAFETY DATA SHEET

According to COMMISSION REGULATION (EU) 2015/830 (as amended)

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

#### 1.1 Product identifier

Product Name: DY 909 SC Dymacare 2% Chlorhexidine Shampoo Cap  
SDS Number (No.): DY 909 SC  
EC No. See sections 2 and 3  
CAS No. See sections 2 and 3  
REACH Registration No. See sections 2 and 3

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

Identified uses: 2% Chlorhexidine Shampoo Cap  
Uses advised against: All except those identified above.

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

Supplier Name: **Pearmine Health Ltd.**  
Supplier Address: Unit 5, The Sidings,  
Top Station road  
Brackley  
Northamptonshire  
NN13 7UG  
Telephone No. +44 (0) 1280 416 070  
E-mail Address: [info@pearminehealth.com](mailto:info@pearminehealth.com)  
National Contact: Not applicable.

#### 1.4 Emergency telephone number

Telephone No. +44 (0) 1869 255 792  
Availability: 09:00 – 17:00 (UK time)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to  
Regulation (EC) No 1272/2008 (CLP):

#### 2.2 Label elements



Hazard Pictogram(s):

Signal Word: Warning

Hazard Statement(s): H319: Causes serious eye irritation  
H412: Harmful to aquatic life with long lasting effects (Chronic cat. 3)

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.  
P501 - Dispose of contents in accordance with regional regulations.

Supplementary Precautionary Statement(s) (not on Label): -

Contains: D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)

Supplemental Information: -

### 2.3 Other hazards

This product does not contain any PBT or vPvB substances.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures:

Component	%	Classification (EC 1272/2008)	Exposure Limit
<b>Common name:</b> Chlorhexidine <b>EC Name:</b> D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1) <b>EC number:</b> 242-354-0 <b>CAS number:</b> 18472-51-0	2%	H318: Eye Dam. 1 H400: Aquatic Acute 1 [M=10] H410: Aquatic Chronic 1 [M=1]	n/a

**REACH status:** all components are REACH compliant.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

#### **General information**

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

#### **Inhalation**

No measures are noted.

#### **Ingestion**

Clean mouth with water and drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention.

**Skin contact**

This product is intended for use on skin. If irritation occurs stop use, and seek medical advice.

**Eye contact**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If discomfort persists: continue flushing during transport to hospital. Bring these instructions.

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

**General information**

May cause discomfort or irritation to eyes. Redness. Soreness. Tearing.

**Inhalation**

Unlikely due to the form of the product.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

Sensitive individuals may develop minor reactions. Cease using product should this occur.

**Eye contact**

May cause discomfort or irritation to eyes. Redness.

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

Treat Symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

**Extinguishing media:**

Water spray, carbon dioxide, dry chemical and foam.

**Unsuitable extinguishing media:**

Do not use water jet as an extinguisher, as this will spread the fire.

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

**Hazardous combustion products:**

This product might liberate irritating and harmful gases during combustion.

**Unusual Fire &****Explosion Hazards:**

None known.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing. Collect contaminated fire extinguishing water. DO NOT discharge contaminated water to the drains.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid handling which leads to eye contact.

#### 6.2 Environmental precautions

Avoid releasing this product into the environment, municipal sewer systems, water ways.

- 6.3 Methods and material for containment and cleaning up  
Collect and dispose of according to waste disposal regulations.
- 6.4 Reference to other sections  
For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling  
Observe good hygiene practices. Avoid eye exposure. Medical professionals should wear hand protection if repeatedly using this product, or if they have known skin conditions/ sensitivities.

### Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight.

- 7.2 Specific end use(s)  
The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters

**Exposure limit(s):** None noted.

- 8.2 Exposure controls

### **Protective equipment**

None required.

### **Process conditions. Engineering measures. Respiratory equipment:**

Not required under normal conditions of use.

### **Hand protection**

Medical professionals should wear hand protection if repeatedly using this product, or if they have known skin conditions/ sensitivities.

### **Eye protection**

Prevent eye contact by suitable means. Ensure access to eye wash stations or clean running water.

### **Hygiene measures**

Handle and apply in accordance with good hygiene and safety practices.

### **Skin protection**

No special measures noted. Product is intended for skin use.

### **Environmental Hazard Controls**

Dispose of according to section 13.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties

Appearance	Rinse-free antibacterial shampoo caps manufactured using a soft non-woven fabric impregnated with a non-alcoholic cleansing and conditioning solution.
Colour	Opaque/ off-white.
Odour	Light or no odour.
Melting/freezing point	ca. 0°C
Initial boiling point and boiling range available.	No information
Solubility	Dispersible in water.

Flash Point	Not applicable.
Relative density	Not applicable.
Viscosity	Not applicable.
Vapour Pressure	Not determined.
Evaporation Rate	Not determined.
pH-Value, Conc. Solution	4.8-5.2
Decomposition temperature (°C) available. Odour Threshold, Lower available.	No information No information
Flash point (°C)	Not applicable.
Auto Ignition Temperature (°C)	Not applicable.
Flammability Limit - Lower(%)	Not flammable.
Flammability Limit - Upper(%)	Not flammable.
Partition Coefficient (N-Octanol/Water)	Not applicable.
Explosive properties	None.
Oxidising properties	Based on available data the classification criteria are not met.

## 9.2 Other information

Cap Substrate: punch	Liner substrate - Binder-free viscose-polyester needle non-woven fabric, cap substrate - polyethylene. No PVC components permitted.
Cleansing Solution:	Antibacterial fragranced non-alcohol cleansing solution
Primary Packaging:	Laminated polyethylene flow-wrapped pack.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No reactivity hazards known.

### 10.2 Chemical Stability

This product is stable under the prescribed conditions of storage and use.

### 10.3 Possibility of hazardous reactions

Avoid freezing.

### 10.4 Conditions to avoid

None are noted.

### 10.5 Incompatible materials

Alkalis and oxidisers.

### 10.6 Hazardous decomposition products

Carbon Oxides, Silicon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### **General Summary:**

A formal toxicological risk assessment concluded that the cleansing solution provides users with a product that meets the required standards for safety.

#### **Eye Irritation/ Corrosion:**

Classification: Eye irritant (H319)

Calculation method.

**Product considerations:**

Likely Routes of Exposure:	Skin contact. Eye contact.
Ingestion:	The liquor may cause discomfort to the mouth and gastrointestinal-tract.
Inhalation:	No symptoms noted.
Skin contact:	Intended for skin use. Repeated skin exposure may contact dermatitis.
Eye contact:	May cause irritation, reddening.
Existing medical conditions:	This product might aggravate existing skin conditions.

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**

This product contains ingredients that are harmful to aquatic life with long lasting effects.

**12.1 Toxicity**

This product contains, at low concentrations, a product that is classified as H400: Aquatic Acute 1 [M=10]

H410: Aquatic Chronic 1 [M=1]. See section 3.2 of this SDS.

By calculation method, this product (as a whole) meets the criteria for classification as:

H412: Harmful to aquatic life with long lasting effects (Chronic cat. 3). Further data is available on request.

**12.2 Persistence and degradability**

Chemicals within this product will persist with the environment.

**12.3 Bioaccumulative potential**

The product is not expected to bio-accumulate

**12.4 Mobility in soil**

Not data available.

**12.5 Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

**12.6 Other adverse effects**

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Dispose of in accordance with current national & local regulations.

**SECTION 14: TRANSPORT INFORMATION**

This product is not classified as hazardous (ARD/RID, IATA, IMDG).

**14.1 UN number**

Not applicable.

**14.2 UN proper shipping name**

Not applicable.

14.3 Transport hazard class(es) Not applicable.

14.4 Packing group Not applicable.

14.5 Environmental hazards  
Environmentally Hazardous Substance Marine  
Pollutant: Not applicable.

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBCcode Not applicable.

#### SECTION 15: REGULATORY INFORMATION

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

##### **EU Legislation**

- Regulation (EC) No 1907/2006 (REACH)
- Regulation (EC) No 1272/2008 Classification, labelling and packaging of substances and mixtures.
- COMMISSION REGULATION (EU) 2015/830 (SDSs)

##### **National Regulations**

- EH40 UK WEL (Work Place Exposure Limits)

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

#### SECTION 16: OTHER INFORMATION

**Creation Date** 6<sup>th</sup> October 2017  
**Revision Date** n/a  
**Revision Number** 2

##### **Disclaimer.**

This information is based on our present state of knowledge. It should therefore not be construed as guaranteeing specific properties of the product described or its suitability for a particular use.