



## RHS 405 and RHS 406

### Reynard Moisturising Antibacterial Hand Gel

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Reynard Instant Antibacterial Hand Gel  
 Product Code: RHS405 and RHS406  
 Use(s) of substance/preparation: An alcohol-based gel to sanitise the hands.  
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#### 2. HAZARDS IDENTIFICATION

This material is classified as 'Hazardous' according to Directive 1999/45/EC and subsequent amendments.

Risk phrases: R10 - Flammable

**Eye contact:** Not expected to present a hazard to the eyes under normal conditions of use but direct contact of the impregnating fluid with the eyes would cause irritation.

**Inhalation:** Not considered to present an inhalation hazard under normal conditions of use.

**Ingestion:** Not considered to present an ingestion hazard under normal conditions of use.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**CAS Number:** Not applicable, preparation is a mixture.

**EINECS Number:** Not applicable, preparation is a mixture.

**Composition:** An gel based on an aqueous solution of Ethanol and Chlorhexidine digluconate, which are listed in Annex II of Regulation (EC) 1451/2007 for Product Type 1, plus moisturisers, solubiliser, fragrance, a rheology modifying polymer and colouring agents, which are listed in Annex IV, Part 1 of Directive 76/768/EEC.

Hazardous ingredients:

| Ingredient                | CAS NO.    | EINECS    | % w/w   | Symbols | Risks  |
|---------------------------|------------|-----------|---------|---------|--------|
| Ethanol                   | 64-17-5    | 200-578-6 | ca. 70% | F       | 10     |
| Chlorhexidine digluconate | 18472-51-0 | 242-354-0 | <1.0%   | N, Xi   | 41, 50 |

#### 4. FIRST AID MEASURES

**Eye contact:** If the gel comes into direct contact with the eyes, immediately flush the eye with plenty of water. If irritation develops, seek medical advice.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Water spray, Alcohol resistant foam, Carbon dioxide and dry powder.

**Extinguishing media which must NOT be used:** Water jet.

Standard protective equipment should be worn by fire fighters.

**Protection of fire fighters:** In the event of a large fire, toxic fumes containing oxides of carbon may be formed, which would necessitate the use of a self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid direct contact of the gel with the eyes.

**Clean-up procedures:** Extinguish all sources of ignition and absorb any gel onto a suitable inert material, which should be collected mechanically with spilled product for subsequent disposal.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with the eyes and do not use near possible sources of ignition.

**Storage:** Store under normal warehouse conditions away from possible sources of ignition.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure controls:**

| Ingredient | CAS NO. | STD | LTEL<br>(8 hours)      | STEL<br>(15 minutes) |
|------------|---------|-----|------------------------|----------------------|
| Ethanol    | 67-17-5 | OES | 1,920mg/m <sup>3</sup> | No std               |

**Personal protective equipment:** None required under normal conditions of use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Pale yellow/green gel

**Odour:** Fragranced

**pH of impregnating fluid:** n/a

**Boiling point of impregnating fluid:** ca. 80°C

**Flash point of impregnating fluid:** ca. 23°C

**Flammability:** Flammable

**Solubility in water:** Completely miscible with water

## 10. STABILITY AND REACTIVITY

This preparation is stable under normal conditions of storage and use and no chemical incompatibility is known.

## 11. TOXICOLOGICAL INFORMATION

Based on the ingredients present and their concentrations, this preparation is, according to the conventional method of Directive 1999/45/EC and subsequent amendments, classified as not 'Dangerous' according to health criteria.

### Acute toxicity data

Oral LD50 (rat) value for the impregnating fluid calculated from those of the individual ingredients is >10,000 mg/kg.

## 12. ECOLOGICAL INFORMATION

Based on the ingredients present and their concentrations, this preparation is, according to the conventional method of Directive 1999/45/EC and subsequent amendments, classified as not 'Dangerous' to the

environment.

### **13. DISPOSAL CONSIDERATIONS**

Dispose of waste according to national and local regulations.

### **14. TRANSPORT INFORMATION**

According to ADR this preparation is listed under UN 1170, Packing Group III and for which there is a LQ7 Limited Quantities coding. However, since the net weight of the preparation in a pack is less than 500g and the gross weight of the packs of the preparation is less than 20kg, the provisions of ADR are not applicable to the preparation except that the transport case has to be marked with a 100 x 100 mm white diamond shaped area surrounded by a 2mm wide line within which 'UN No. 1170' is printed to a height of at least 6mm.

### **15. REGULATORY INFORMATION**

This preparation is classified as 'Hazardous' for labelling purposes.

Label for supply:

Risk phrases: R10 -Flammable

**Ingredients:** Alcohol denat., Aqua, Hydroxypropyl methylcellulose, Aloe barbadensis, Chlorhexidine digluconate, PEG-40 hydrogenated castor oil, Parfum, Tocopheryl acetate, CI 42090, CI 19140.

Safety phrases: S(2) - Keep out of reach of children

S16 - Keep away from sources of ignition - No smoking

S25 - Avoid contact with the eyes.

S26 - In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.

### **16. OTHER INFORMATION**

**Issue date:** 31/01/2014

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee.

Risk phrases listed in Section 3:

R10 -Flammable

R41 -Risk of serious damage to eyes

R50- Very toxic to aquatic organisms