

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

**Product name:** SERENITY HAND GEL SANITISER

**Recommended use:** For hand cleaning and sanitisation. Ideal for infection control in prevention and control of bacteria.

**Company name:** Serenity Hygiene Ltd

**Phone/Fax:** +44 (0)23 80 986238

**Website:** [www.serenityhygiene.com](http://www.serenityhygiene.com) **e-mail:** [info@serenityhygiene.com](mailto:info@serenityhygiene.com)

## 2.COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous ingredients:** The product is an aqueous blend of polybiguanide, cationic, non-ionic, amphoteric surfactants, food grade dye and natural based thickening agent; the active content is <5% and at this level a hazard classification is not required.

## 3.HAZARDS IDENTIFICATION

**Main hazards:** No significant hazard.

## 4. FIRST AID MEASURES

**Eye contact:** May cause irritation to eyes. In case of contact, rinse immediately with plenty of water for at least 15 minutes and seek medical advice if irritation persists.

**Ingestion:** May sterilise gut. Drink copious quantities of water or milk, do not induce vomiting. Seek medical advice. Show this safety data sheet to a doctor.

**Advice to doctor:** Treat symptomatically.

**Inhalation:** If product is sprayed, irritation of respiratory tract may be caused in some individuals as a result of breathing in high levels of spray mist. If affected, remove to fresh air and seek medical advice if irritation persists.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Not combustible. Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Exposure hazards:** In combustion may emit toxic fumes of carbon monoxide, carbon dioxide, oxides of nitrogen and sodium.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Contain the spillage using sufficient appropriate absorbent material.

**Clean-up procedures:** Small spillages: wash to drain with plenty of water.

Large spillages: contain with sand or earth, remove to a suitable labelled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

**Handling requirements:** Handle in accordance with standard good housekeeping procedures. Avoid contact with eyes.

**Storage conditions:** Store upright in original, sealed containers. Store above 0°C. Protect from frost. Do not mix with other cleaning materials. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure standards:** None set for any of the ingredients present.

**Engineering measures:** No particular engineering measures are necessary.

**Respiratory protection:** Not required.

**Eye protection:** Safety glasses/goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Gel

**Appearance:** Aqua Blue

**Odour:** Mild

**Solubility in water:** Soluble **pH:** 6 – 8

**Density:** 1.01

**Flammability (explosive) limits:** Non-flammable

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Excessive heat or cold.

**Materials to avoid:** Oxidising agents, strong acids, strong bases.

**Hazardous decomposition products:** Carbon dioxide, carbon monoxide, hydrogen chloride, oxides of nitrogen.

**Hazardous reactions:** None known.

## 11. TOXICOLOGICAL INFORMATION

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. ECOLOGICAL INFORMATION

**Mobility:** Soluble in water.

**Persistence and Biodegradability:** Biodegradable.

**Bioaccumulative potential:** Predicted to have low potential for bioaccumulation. Cationic surfactants are regarded as being effectively removed in wastewater treatment processes by complex formation and adsorption.

**Other adverse effects:** May be hazardous to aquatic organisms due to surface active effects.

## 13. DISPOSAL CONSIDERATIONS

**Disposal operations:** Contact a licensed waste disposal company. NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

**ADR / RID: UN number:** Not applicable

**IMDG / IMO: UN number:** Not applicable

**IATA / ICAO: UN number:** Not applicable

The product is not classified as dangerous within the meaning of the Transport Regulations. Only transport in original containers in upright position. Never remove containers from cardboard containers before transporting. Unless containers are palletised never transport stacked more than 2 high.

## 15.REGULATORY INFORMATION

**Hazard symbols:** None

**Risk phrases:** None

**Safety phrases:** S2: Keep out of the reach of children. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S46: If swallowed, seek medical advice immediately and show this container or label.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16.OTHER INFORMATION

Always use in accordance with manufacturer's directions. This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006. Legal disclaimer: The above information is based on the present state of our knowledge and experience of the product at the time of publication; it is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is given in good faith but no warranty is implied with respect to quality and specification. The user must satisfy himself that the product is entirely suitable for his purpose. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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