



## SAFETY DATA SHEET SPRAY 9 HOSPITAL GRADE DISINFECTANT

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

#### 1.1. Product identifier

**Product name** SPRAY 9 HOSPITAL GRADE DISINFECTANT  
**Internal Id** C197

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

**Identified uses** Detergent. Disinfectant

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

**Supplier** SPRAY NINE EUROPE LIMITED  
4 ROMAN RIDGE ROAD  
SHEFFIELD  
SOUTH YORKSHIRE  
S9 1GB  
TEL: +44 (0) 1752 896 496  
EMERGENCY: +44 (0) 1752 896 496  
sales@spray-nine.com

#### 1.4. Emergency telephone number

+44 (0) 1752 896 496

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

**Classification (1999/45/EEC)** Xi;R36/38

#### 2.2. Label elements

##### **Detergent Labelling:**

<5% non-ionic surfactants  
Disinfectants

##### **Labelling**



Irritant

##### **Risk Phrases**

R36/38 Irritating to eyes and skin.

##### **Safety Phrases**

S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.  
S35 This material and its container must be disposed of in a safe way.

#### 2.3. Other hazards

# SPRAY 9 HOSPITAL GRADE DISINFECTANT

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

|   |  |       |
|---|--|-------|
| TETRASODIUM GLUTAMATE   |  | 5-10% |
| CAS-No.: 51981-21-6   | EC No.: 257-573-7  |       |
| Classification (EC 1272/2008)<br>Skin Irrit. 2 – H315<br>Eye Irrit. 2 – H319  | Classification (67/548/EEC)<br>Xi;R36/38                   |       |
| SODIUM SILICATE SOLUTION  |  | 1-5%  |
| CAS No.: 1344-09-8  | EC No.: 215-687-4  |       |
| Classification (EC 1272/2008)<br>Skin Irrit. 2 – H315<br>Eye Dam. 1 – H318  | Classification (67/548/EEC)<br>Xi;R38/R41                  |       |
| ALKYL DIMETHYLBENZYLAMMONIUM CHLORIDE   |  | 1-5%  |
| Cas-No.: 68424-85-1   | EC No.: 270-325-2  |       |
| Classification (EC 1272/2008)<br>Acute Tox. 4 – H302<br>Acute Tox. 4 – H312<br>Skin Corr. 1B – H314<br>Aquatic Acute 1 – H400 | Classification (67/548/EEC)<br>Xn;R21/22<br>C;R34<br>N;R50 |       |
| ALCOHOL ETHOXYLATE SURFACTANT   |  | 1-5%  |
| CAS No.: 68131-39-5   | EC No.:  |       |
| Classification (EC 1272/2008)<br>Acute Tox. 4 – H302<br>Eye Dam. 1 – H318<br>Aquatic Acute 1 – H400                           | Classification (67/548/EEC)<br>Xn;R22<br>Xi;R41<br>N;R50   |       |
| NON-IONIC SURFACTANT  |  | 1-5%  |
| CAS-No.: 24938-91-8   | EC No.:  |       |
| Classification (EC 1272/2008)<br>Acute Tox. 4 – H302<br>Eye Dam. 1 – H318   | Classification (67/548/EEC)<br>Xn;R22<br>Xi;R41            |       |
| DISODIUM METASILICATE   |  | 1-5%  |
| CAS No.: 6834-92-0  | EC No.: 229-912-9  |       |
| Classification (EC 1272/2008)<br>Skin Corr. 1B – H314<br>STOT SE 3 – H335   | Classification (67/548/EEC)<br>C;R34<br>Xi;R37             |       |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

# SPRAY 9 HOSPITAL GRADE DISINFECTANT

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### **Ingestion**

Rinse mouth thoroughly. DO NOT INDUCE VOMITING! Get medical attention.

#### **Skin contact**

Rinse the skin immediately with lots of water. Get medical attention if irritation persists after washing.

#### **Eye contact**

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Skin irritation.

#### **Eye contact**

Irritation of eyes and mucous membranes.

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

Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### **Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

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

#### **Hazardous combustion products**

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 5.3. Advise for firefighters

#### **Special Fire Fighting Procedures**

No specific fire fighting procedure given.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid contact with skin and eyes. In case of spills, beware of slippery floors and surfaces.

### 6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

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

Absorb spillage with suitable absorbent material. Flush contaminated area with plenty of water.

### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 0°C and 40°C.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# SPRAY 9 HOSPITAL GRADE DISINFECTANT

## 8.1. Control parameters

## 8.2. Exposure controls

### Protective equipment



### Hand protection

Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Rubber, Neoprene or PVC.

### Eye Protection

Wear approved chemical safety goggles where exposure is reasonably probable.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|                          |                   |
|--------------------------|-------------------|
| Appearance               | Liquid            |
| Colour                   | Straw             |
| Odour                    | Mild              |
| Solubility               | Soluble in water  |
| Relative density         | 1.065±0.005 @25°C |
| pH-Value, Conc, Solution | 12.5              |

### 9.2. Other information

Not determined

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Exothermic reaction with: Acids.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Not determined.

### 10.4. Conditions to avoid

Avoid contact with acids.

### 10.5. Incompatible material

#### Materials To Avoid

Strong acids.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Medical Symptoms

EYES AND MUCOUS MEMBRANES. Irritation of eyes and mucous membranes. SKIN. Skin irritation. DIGESTIVE SYSTEM. Gastrointestinal symptoms, including upset stomach.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Not regarded as dangerous for the environment.

### 12.1. Toxicity

Acute Toxicity – Fish  
Not determined

# SPRAY 9 HOSPITAL GRADE DISINFECTANT

## **12.2. Persistence and degradability**

### **Degradability**

The product is expected to be biodegradable.

## **12.3. Bioaccumulative potential**

### **Bioaccumulative potential**

The product is not bioaccumulating.

## **12.4. Mobility in soil**

### **Mobility**

The product is soluble in water.

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

Not classified as PBT/vPvB by current EU criteria.

## **12.6 Other adverse effects**

Not determined.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

## **SECTION 14: TRANSPORT INFORMATION**

**General** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number**

Not applicable.

### **14.2. UN proper shipping name**

Not applicable.

### **14.3. Transport hazard class(es)**

#### **Transport Labels**

No transport warning sign required.

### **14.4. Packing group**

Not applicable.

### **14.5. Environmental hazards**

#### **Environmentally Hazardous Substance/Marine Pollutant**

No.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

## **SECTION 15: REGULATORY INFORMATION**

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

#### **UK Regulatory References**

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

#### **Guidance Notes**

Workplace Exposure Limits EH40.

#### **EU Legislation**

Dangerous Preparations Directive 1999/45/EC.

### **15.2. Chemical Safety Assessment**

# SPRAY 9 HOSPITAL GRADE DISINFECTANT

## SECTION 16: OTHER INFORMATION

### General Information

Only trained personnel should use this material.

**Revision Date** 18/10/12

**Revision** 1.1

**Supersedes Date** 01/11/10

### Risk Phrases in Full

R34 Causes burns.  
R22 Harmful if swallowed.  
R21/22 Harmful in contact with skin and if swallowed.  
R36/38 Irritating to eyes and skin.  
R37 Irritating to respiratory system.  
R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
R50 Very toxic to aquatic organisms.

### Hazard Statements in Full

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.