



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) H319/H315

2.2. Label elements

Detergent Labelling:

<5% non-ionic surfactants
Disinfectants

Labelling



Irritant

Risk Phrases

H319/H315 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

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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) Skin Irrit. 2 – H315 Eye Irrit. 2 – H319	Classification (67/548/EEC) H319/H315	
SODIUM SILICATE SOLUTION		1-5%
CAS No.: 1344-09-8	EC No.: 215-687-4	
Classification (EC 1272/2008) Skin Irrit. 2 – H315 Eye Dam. 1 – H318	Classification (67/548/EEC) H315/H318	
ALKYL DIMETHYLBENZYLAMMONIUM CHLORIDE		1-5%
Cas-No.: 68424-85-1	EC No.: 270-325-2	
Classification (EC 1272/2008) Acute Tox. 4 – H302 Acute Tox. 4 – H312 Skin Corr. 1B – H314 Aquatic Acute 1 – H400	Classification (67/548/EEC) H312/H302 H314 H400	
ALCOHOL ETHOXYLATE SURFACTANT		1-5%
CAS No.: 68131-39-5	EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 – H302 Eye Dam. 1 – H318 Aquatic Acute 1 – H400	Classification (67/548/EEC) H302 H318 H400	
NON-IONIC SURFACTANT		1-5%
CAS-No.: 24938-91-8	EC No.:	
Classification (EC 1272/2008) Acute Tox. 4 – H302 Eye Dam. 1 – H318	Classification (67/548/EEC) H302 H318	
DISODIUM METASILICATE		1-5%
CAS No.: 6834-92-0	EC No.: 229-912-9	
Classification (EC 1272/2008) Skin Corr. 1B – H314 STOT SE 3 – H335	Classification (67/548/EEC) H314 H335	

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

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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 (CO₂).

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

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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

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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

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SECTION 16: OTHER INFORMATION

General Information

Only trained personnel should use this material.

Revision Date 21/12/15

Revision 1.2

Supersedes Date 18/10/12

Risk Phrases in Full

H314	Causes burns.
H302	Harmful if swallowed.
H312/H302	Harmful in contact with skin and if swallowed.
H319/H315	Irritating to eyes and skin.
H335	Irritating to respiratory system.
H315	Irritating to skin.
H318	Risk of serious damage to eyes.
H400	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.