



## SAFETY DATA SHEET

### 99point9 HYSO Aerosol Refill

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** 99point9 HYSO Aerosol Refill

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

**Identified uses** Disinfectant.

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

**Supplier** 99point9 Hygiene Limited  
 24 Station Road  
 Fowey  
 Cornwall  
 PL23 1DF  
 UNITED KINGDOM  
 + 44 (0)1726832254

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0)1726832254

**National emergency telephone number** UK Consumers - NHS 111. Medical Professionals - [www.toxbase.org](http://www.toxbase.org)

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Aerosol 1 - H222, H229  
**Health hazards** Eye Irrit. 2 - H319 STOT SE 3 - H336  
**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Hazard pictograms



**Signal word** Danger

**Hazard statements** H222 Extremely flammable aerosol.  
 H229 Pressurised container: may burst if heated.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.

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<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P261 Avoid breathing spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Supplemental label information** Contains active ingredients by weight: DIDECYL DIMETHYL AMMONIUM CHLORIDE 0.286%, ISOPROPYL ALCOHOL 75%.

**Contains** propan-2-ol

**Labelling notes** didecyldimethylammonium chloride

### 2.3. Other hazards

Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>propan-2-ol</b>		<b>30-60%</b>
CAS number: 67-63-0	EC number: 200-661-7	
<b>Classification</b>		
Flam. Liq. 2 - H225		
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
<b>ammonia ....%</b>		<b>&lt;1%</b>
CAS number: 1336-21-6	EC number: 215-647-6	
M factor (Acute) = 1		
<b>Classification</b>		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Aquatic Acute 1 - H400		

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<b>didecyldimethylammonium chloride</b>	<b>&lt;1%</b>
CAS number: 7173-51-5	EC number: 230-525-2
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Due to the physical nature of this product, it is unlikely that ingestion will occur.
<b>Skin contact</b>	Rinse with water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 10 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	See Section 11 for additional information on health hazards.
<b>Inhalation</b>	Avoid breathing vapour/spray.
<b>Ingestion</b>	No harmful effects expected from quantities likely to be ingested by accident.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended.
<b>Eye contact</b>	Vapour or spray in the eyes may cause irritation and smarting.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog. Extinguish with foam, carbon dioxide, dry powder or water fog.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Bursting aerosol containers may be propelled from a fire at high speed.
<b>Hazardous combustion products</b>	None known.

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Evacuate area. Containers close to fire should be removed or cooled with water.
<b>Special protective equipment for firefighters</b>	Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

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

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**Personal precautions** Avoid contact with eyes. Avoid inhalation of vapours.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Clear up spills immediately and dispose of waste safely.

### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Provide adequate ventilation.

**Advice on general occupational hygiene** No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Do not eat, drink or smoke when using this product.

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

**Storage precautions** Keep out of the reach of children. Do not expose to temperatures exceeding 50°C/122°F.

### 7.3. Specific end use(s)

**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

#### Occupational exposure limits

Propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm

Short-term exposure limit (15-minute): WEL 500 ppm

**ammonia ....%**

Long-term exposure limit (8-hour TWA): 18 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

**Appropriate engineering controls** Not applicable.

**Eye/face protection** No specific eye protection required during normal use.

**Hand protection** No specific hand protection recommended.

**Hygiene measures** Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented.

**Respiratory protection** Use only in well-ventilated areas.

## SECTION 9: Physical and chemical properties

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

**Appearance** Aerosol.

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**Odour** Alcoholic. Ammonia.

### 9.2. Other information

**Other information** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No potentially hazardous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid** Pressurised container: may burst if heated Keep away from heat, sparks and open flame. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Inhalation** Vapours may cause drowsiness and dizziness.

**Ingestion** No harmful effects expected from quantities likely to be ingested by accident.

**Skin contact** Skin irritation should not occur when used as recommended. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.

**Eye contact** Irritating to eyes. Symptoms following overexposure may include the following: Severe irritation, burning, tearing and blurred vision.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

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**Results of PBT and vPvB assessment** No data available.

### 12.6. Other adverse effects

**Other adverse effects** The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

**Disposal methods** Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

## SECTION 14: Transport information

**General** For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

### 14.1. UN number

**UN No. (ADR/RID)** 1950

**UN No. (IMDG)** 1950

**UN No. (ICAO)** 1950

**UN No. (ADN)** 1950

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** AEROSOLS

**Proper shipping name (IMDG)** AEROSOLS

**Proper shipping name (ICAO)** AEROSOLS

**Proper shipping name (ADN)** AEROSOLS

### 14.3. Transport hazard class(es)

**ADR/RID class** 2.1

**ADR/RID classification code** 5F

**ADR/RID label** 2.1

**IMDG class** 2.1

**ICAO class/division** 2.1

**ADN class** 2.1

### Transport labels



### 14.4. Packing group

### 14.5. Environmental hazards

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### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Not applicable.

### SECTION 15: Regulatory information

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

<b>EU legislation</b>	Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).
<b>Guidance</b>	European Chemicals Agency <a href="http://www.echa.europa.eu">www.echa.europa.eu</a> Workplace Exposure Limits EH40. Supplier Safety Data Sheets

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Revision comments</b>	This is the first issue.
<b>Revision date</b>	08/08/2020
<b>Revision</b>	2
<b>Supersedes date</b>	23/04/2020
<b>SDS number</b>	4648
<b>Hazard statements in full</b>	H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H229 Pressurised container: may burst if heated. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H400 Very toxic to aquatic life.

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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.