

# SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 2015/830)

Version 1  
Product Name Haze Liquid (HZL-1W / HZL-5W)

Issue Date 01-Feb-2024  
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## SECTION 1: Identification of the substance /mixture and of the company/undertaking

### 1.1. Product identifier

Product Name Haze Liquid (HZL-1W / HZL-5W)  
REACH registration number No information available

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

Recommended Use Used for smoke generator on the stage.  
Uses advised against No information available

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

Supplier ANTARI LIGHTING AND EFFECTS LTD  
Address 8,Lane 231, Nankan, Rd, Sec.1,Luchu,Tao Yuan City, Taiwan  
Postal Code 33859  
Phone 03-322-5829#318  
FAX 03-322-0433  
E-mail any@antari.com.tw

Importer Event Lighting Pty Ltd.  
Address 4 Parramatta Rd, Clyde, NSW 2142, Australia  
Postal Code 2142  
Phone 02-9897-3077  
FAX  
E-mail info@eventec.com.au

### 1.4. Emergency telephone number

03-322-5829#318

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]  
Not classified.

### 2.2. Label elements

Symbols/Pictograms None  
Signal word None  
Hazard Statements Not applicable  
Precautionary Statements Not applicable  
EU Specific Hazard Statements None.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.1 Mixture

| Chemical Name | EC No     | CAS No    | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---------------|-----------|-----------|----------|---|
| Water         | 231-791-2 | 7732-18-5 | 55       | Not classified  |
| Glycerol      | 200-289-5 | 56-81-5   | 45       | Not classified  |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General advice

Remove contaminated clothing and shoes. If symptoms persist, call a physician.

#### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

#### Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

#### Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Ingestion

Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person.

#### Self-protection of the first aider

First aider: Pay attention to self-protection. Use personal protection recommended in Section 8.

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

No information available.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

No information available.

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

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### 5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

## SECTION 6: Accidental release measures

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

Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Avoid breathing dust/fume/gas/mist/vapors/spray. Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained. Prevent entry into waterways, sewers, basements or confined areas.

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

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

**6.4. Reference to other sections**

See Section 7 for more information

See section 8 for more information

See section 13 for more information

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Take precautionary measures against static discharges. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Use personal protection recommended in Section 8.

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

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep locked up and out of reach of children. Store in accordance with local regulations.

**7.3. Specific end use(s)**

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

| Chemical Name             | Australia            | Austria | Belgium | Denmark | European Union |
|---------------------------|----------------------|---------|---------|---------|----------------|
| Glycerol (CAS #: 56-81-5) | 10 mg/m <sup>3</sup> | -       | -       | -       | -              |

| Chemical Name             | Latvia | France                    | Finland                   | Germany  | Italy |
|---------------------------|--------|---------------------------|---------------------------|--|-------|
| Glycerol (CAS #: 56-81-5) |        | TWA: 10 mg/m <sup>3</sup> | TWA: 20 mg/m <sup>3</sup> | TWA: 50 mg/m <sup>3</sup><br>Ceiling / Peak: 100 mg/m <sup>3</sup> | -     |

**Derived No Effect Level (DNEL)**

No information available

**Predicted No Effect Concentration (PNEC)**

No information available

**8.2. Exposure controls****Engineering Controls**

Showers. Eyewash stations. Ventilation systems. Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand Protection Wear protective gloves.

Skin and body protection Suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards None under normal processing

**Environmental exposure controls**

Avoid release to the environment.

**SECTION 9: Physical and chemical properties**

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

|                                |                          |
|--------------------------------|--------------------------|
| Appearance                     | Transparent liquid       |
| Color                          | No information available |
| Odor                           | No information available |
| Odor Threshold                 | Not determined           |
| pH                             | 5.65                     |
| Melting point/freezing point   | Not determined           |
| Boiling point / boiling range  | Not determined           |
| Flash point                    |                          |
| CAS: 56-81-5                   | 160°C (closed cup)       |
| CAS: 7732-18-5                 | Not determined           |
| Evaporation rate               | Not determined           |
| Flammability (solid, gas)      | Not determined           |
| Explosive limits               | Not determined           |
| Flammability Limit in Air      | Not determined           |
| Vapor Pressure                 | Not determined           |
| Vapor density                  | Not determined           |
| Relative density               | Not determined           |
| Partition coefficient (LogPow) | Not determined           |
| Autoignition temperature       | Not determined           |
| Decomposition temperature      | Not determined           |
| Kinematic viscosity            | Not determined           |
| Dynamic viscosity              | Not determined           |
| Explosive properties           | Not an explosive         |
| Oxidizing properties           | Not determined           |

**9.2. Other information**

No information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

None under normal processing.

**10.4. Conditions to avoid**

Heat, flames and sparks.

**10.5. Incompatible materials**

None known based on information supplied.

**10.6. Hazardous decomposition products**

None under normal use conditions.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

| Chemical Name             | Oral LD50           | Dermal LD50        | Inhalation LC50                   |
|---------------------------|---------------------|--------------------|-----------------------------------|
| Glycerol (CAS #: 56-81-5) | = 12600 mg/kg (Rat) | > 10 g/kg (Rabbit) | > 570 mg/m <sup>3</sup> (Rat) 1 h |

**Skin corrosion/irritation**

Non-irritating to the skin.

**Serious eye damage/eye irritation**

No eye irritation.

**Sensitization**

No sensitization responses were observed.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

Not classified

**Reproductive toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

**SECTION 12: Ecological information****12.1. Toxicity**

| Chemical Name             | Algae/aquatic plants EC50 | Fish LC50  | Crustacea EC50 |
|---------------------------|---------------------------|--|----------------|
| Glycerol (CAS #: 56-81-5) | -                         | 51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static | -              |

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

| Chemical Name             | Partition coefficient (LogPow) |
|---------------------------|--------------------------------|
| Glycerol (CAS #: 56-81-5) | -1.76                          |

**12.4. Mobility in soil**

No information available.

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

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

## SECTION 14: Transport information

|  |                          |
|--|--------------------------|
| 14.1. UN number  | Not regulated            |
| 14.2. UN proper shipping name  | Not regulated            |
| 14.3. Transport hazard class(es)   | Not regulated            |
| 14.4. Packing group  | Not regulated            |
| 14.5. Environmental hazards  | Not regulated            |
| 14.6. Special precautions for user                                       | No information available |
| 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code | Does not apply           |

## SECTION 15: Regulatory information

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

| Component                  | EINECS/ELINCS | SVHC candidates | RESTRICTIONS - REACH TITLE VIII |
|----------------------------|---------------|-----------------|---------------------------------|
| Water<br>7732-18-5 ( 20 )  | X             | -               | -                               |
| Glycerol<br>56-81-5 ( 10 ) | X             | -               | -                               |

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

### International Inventories

| Component                  | TSCA | DSL/NDSL | ENCS     | IECSC | KECL | PICCS | AICS |
|----------------------------|------|----------|----------|-------|------|-------|------|
| Water<br>7732-18-5 ( 20 )  | X    | X        | Exempted | X     | X    | X     | X    |
| Glycerol<br>56-81-5 ( 10 ) | X    | X        | X        | X     | X    | X     | X    |

"-" Not Listed

"X" Listed

### 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

|               |                |
|---------------|----------------|
| Issue Date    | 28-Mar-2018    |
| Revision date | 28-Mar-2018    |
| Revision Note | Not applicable |

### Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

**STEL** - STEL (Short Term Exposure Limit)

**Ceiling** - Maximum limit value

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**Key literature references and sources for data**

ECHA: <http://echa.europa.eu/>

IFA GESTIS: [http://gestis-en.itrust.de/nxt/gateway.dll?f=templates\\$fn=default.htm\\$vid=gestiseng:sdbeng](http://gestis-en.itrust.de/nxt/gateway.dll?f=templates$fn=default.htm$vid=gestiseng:sdbeng)

HSDB: <http://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>

**Full text of H-Statements referred to under section 3**

Not classified

**Disclaimer**

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