

# Safety Data Sheet



## 1. Product and Company Identification

**Product Name/s:** Disinfectant Smoke Fluid

**Product Code/s:** DMM (Smoke Shield)

**Prescribed Use:** Liquid formulation used to produce an antibacterial smoke/haze

**Company / Supplier:** Audio Visual Engineering

**Address:** 318 Hammond Rd,  
Dandenong Sth  
VIC 3175

**Phone:** 03 9706 5325

**Email:** [sales@avecorp.com.au](mailto:sales@avecorp.com.au)

**Website:** [www.avecorp.com.au](http://www.avecorp.com.au)

**Emergency Contact:** 13 11 26 - Poison Information Centre

## 2. Hazards Identification

**GHS Classification:** H315: Causes skin irritation – Category 2  
H318: Causes serious eye damage – Category 1  
H412: Harmful to aquatic Life with long lasting effects – Category 3

**Hazard Pictograms:**



**Signal Word:** Danger, Warning

**Precautionary Statements:**

P102: Keep out of reach of children.

P273: Avoid release to the environment.

P280: Wear protective gloves and eye protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention

### 3. Composition / Information on Ingredients

| Chemical Entity   | CAS No.    | Proportion |
|---|------------|------------|
| ALCOHOLS C9-C11 ETHOXYLATED   | 68439-46-3 | <1%        |
| QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 (EVEN-NUMBERED)-ALKYLDIMETHYL, CHLORIDES | 68424-85-1 | <1%        |
| BIS (3-AMINOPROPYL) DODECYLAMINE  | 2372-82-9  | <1%        |
| CHLORHEXIDINE DIGLUCONATE   | 18472-51-0 | <1%        |
| Polyols:  | N/A        | <10%       |

**Contains:** Benzalkonium chloride

### 4. First Aid Measures

**Description of first aid measures in the event of major exposure;**

**Inhalation:** Move person to fresh air. If not breathing, give artificial respiration.

**Ingestion:** If swallowed, wash out mouth thoroughly with water.  
Never give anything by mouth to an unconscious person.

**Skin contact:** Immediately flush skin with plenty of fresh cold water.

**Eye contact:** Immediate flush eyes for 15 minutes.

*Seek medical attention if symptoms persist. If in any doubt, consult a physician*

**Most important symptoms and effects, acute and/or delayed:**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely.  
There may be severe pain. The vision may become blurred.  
May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:**

Immediate effects can be expected after short-term exposure.  
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

### 5. Fire Fighting Measures

**Specific hazards:** Carbon oxides may arise from the mixture

**Hazchem code:** Not assigned

**Fire fighting further advice:**

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Suitable extinguishing media:**

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

## 6. Accidental Release Measures

**Methods for cleaning up:**

Contain Spill if possible.  
Absorb in inert absorbent (ie; sand, soil, vermiculite).  
Collect residues in appropriate and suitably labelled container/s for disposal by an approved method.

**Personal precautions, protective equipment & emergency procedures:**

Avoid direct contact, breathing vapour/mist/gas for an extended period.

**Environmental precaution:**

Do not allow product to enter sewers or waterways. Advise emergency services and appropriate local environmental authority if significant contamination occurs

## 7. Handling and Storage

**Handling:**

Avoid direct contact with skin and eyes  
Normal measures for preventative fire protection

**Storage:**

Keep container tightly closed  
Keep containers in a cool, well ventilated area

## 8. Exposure Controls and Personal Protection

**Exposure standards:**

No values are assigned for this product by the Australian Safety and Compensation Council (formally NOHSC)

**Engineering controls:**

General industrial hygiene practise

**Personal protective equipment:****Respiratory protection-**

Not expected to require personal respirator usage. Selection of appropriate breathing protection will depend on actual airborne concentrations and exposure levels.

**Hand protection-**

Handle with gloves. Wash and dry hands.

**Eye protection-**

Use safety glasses

**Engineering Measures-**

Ensure there is sufficient ventilation of the area.

**Hygiene measures-** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the toilet at the end of the working period

## 9. Physical and Chemical Properties

|                                     |                          |
|-------------------------------------|--------------------------|
| <b>Appearance:</b>                  | Clear, colourless liquid |
| <b>Odour:</b>                       | Slight, non-descript     |
| <b>Specific gravity:</b>            | 1.00                     |
| <b>Boiling point:</b>               | 100°C                    |
| <b>Melting point:</b>               | Not Applicable           |
| <b>Flash point:</b>                 | Not Applicable           |
| <b>Auto-ignition temperature:</b>   | Not Applicable           |
| <b>pH @ 25°C:</b>                   | 7-8                      |
| <b>Viscosity:</b>                   | Not applicable           |
| <b>Water solubility:</b>            | Readily soluble          |
| <b>Vapour pressure:</b>             | As for water             |
| <b>Vapour density:</b>              | As for water             |
| <b>Upper/Lower explosive limit:</b> | Not Applicable           |
| <b>Foams on shaking:</b>            | Yes                      |

## 10. Stability and Reactivity

|  |   |
|--|---|
| <b>Stability:</b>                            | Stable under recommended storage conditions |
| <b>Conditions to avoid:</b>                  | None applicable                             |
| <b>Materials to avoid/incompatibilities:</b> | Strong oxidising agents, Strong acids       |
| <b>Hazardous decomposition:</b>              | No data available                           |

## 11. Toxicological Information

### Health Effects:

|                      |   |
|----------------------|---|
| <b>Skin contact:</b> | There may be irritation and redness at the site of contact.   |
| <b>Eye contact:</b>  | There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage. |
| <b>Ingestion:</b>    | There may be soreness and redness of the mouth and throat.  |
| <b>Inhalation:</b>   | There may be irritation of the throat with a feeling of tightness in the chest.   |

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## 12. Ecological Information

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Ecotoxicity:</b>                 | No data available             |
| <b>Persistence / Degradability:</b> | No data available             |
| <b>Mobility:</b>                    | Readily absorbed into soil    |
| <b>Bioaccumulative potential:</b>   | No bioaccumulation potential. |

## 13. Disposal Considerations

|                                |  |
|--------------------------------|--|
| <b>Method of disposal:</b>     | Transfer to a suitable container and arrange for collection by specialised disposal company. |
| <b>Contaminated packaging:</b> | Dispose of as unused product   |

## 14. Transport Information

**Not classified as Dangerous Goods according to the ADG code.**

**Subject to transport regulations;**

|                                 |                                  |
|---------------------------------|----------------------------------|
| <b>ADG:</b>                     | Not regulated as Dangerous Goods |
| <b>MDG:</b>                     | Not regulated as Dangerous Goods |
| <b>ICAO/IATA:</b>               | Not regulated as Dangerous Goods |
| <b>UN Number:</b>               | None allocated                   |
| <b>UN Proper shipping name:</b> | None allocated                   |
| <b>Dangerous Goods Class:</b>   | None allocated                   |
| <b>Subsidiary risk:</b>         | None allocated                   |
| <b>Packing group:</b>           | None allocated                   |
| <b>Hazchem code:</b>            | None allocated                   |

## 15. Regulatory Information

**Standard for the uniform scheduling of medicines and poisons:**

|                                    |   |
|------------------------------------|---|
| <b>Specific Regulations:</b>       | Not applicable  |
| <b>Chemical Safety Assessment:</b> | A chemical safety assessment has not been carried out for the substance or the mixture by the supplier. |

## 16. Any Other Relevant Information

**MSDS Issue date:** April 2020

**Review date:** April 2025

**Version:** 1.0

### Key to abbreviations:

|                        |   |
|------------------------|---|
| <b>ACGIH</b>           | American Conference of Government Industrial Hygienists       |
| <b>ADG</b>             | Australian Code for the Transport of Dangerous Goods          |
| <b>AICS</b>            | Australian Inventory of Chemical Substances                   |
| <b>ASCC</b>            | Australian Safety and Compensation Council                    |
| <b>CAS</b>             | Chemical Abstracts Service Registry Number                    |
| <b>ICAO</b>            | International Civil Aviation Organisation                     |
| <b>IATA</b>            | International Air Transport Association                       |
| <b>IMDG</b>            | International Maritime Organisation Rules                     |
| <b>NOHSC</b>           | National Occupational Health and Safety Commission            |
| <b>STEL</b>            | Short Term Exposure Limit                                     |
| <b>TWA</b>             | Time weighted average   |
| <b>LC<sub>Lo</sub></b> | Lethal Concentration Low – lowest concentration causing death |
| <b>LD<sub>Lo</sub></b> | Lethal Dose Low – lowest dose causing death                   |
| <b>LC<sub>50</sub></b> | Lethal Concentration required to kill 50% of test population  |
| <b>EC<sub>50</sub></b> | Half maximal effective concentration                          |

The information contained herein is based on the present state of our knowledge. This document characterises the product in regards to the appropriate safety precautions, and is only proposed as a guide when applied for its intended use. Each intended user should consult this SDS, and perform their own appropriate risk assessment in context to how the product will be handled and used in the workplace.