



# Safety Data Sheet

## HAZELEY HESSEY FLUID

### SECTION 1. IDENTIFICATION

Product Identifier	Hessey Fluid
Other Means of Identification	<i>Not Applicable</i>
Recommended Use	Theatrical use in water-based haze machines.
Restrictions on Use	<i>Not Applicable</i>
Initial Supplier Identifier	<b>Main Equipment Rentals</b> 5025 Still Creek Ave Burnaby BC V5V 5V1 www.mainequipment.ca Email: mainequipment@gmail.com
Emergency Telephone Number	<b>+1 (604) 729-8177</b>

### SECTION 2. HAZARD IDENTIFICATION

Classification	<b>Not Classified under GHS/WHMIS/29CFR</b>
Label Elements Pictograms	<i>Not Applicable</i>
Signal Word	<i>Not Applicable</i>
Hazard Statements	<i>Not Applicable</i>
Precautionary Statements	
Prevention:	<i>Not Applicable</i>
Response:	<i>Not Applicable</i>
Storage:	<i>Not Applicable</i>
Disposal:	<i>Not Applicable</i>
Other Hazards	May aggravate existing eye, skin and/or respiratory conditions.

Notes:

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	w/w%*	Common name / Synonyms
Glycerine	56-81-5	30 – 60%*	Glycerol, 1,2,3-Propanetriol, Glycerin
Propylene Glycol	57-55-6	30 – 60%*	propane-1,2-diol

Notes                      \*Prescribed ranges as per HPR

## SECTION 4. FIRST-AID MEASURES

<b>Inhalation</b>	Remove victim to fresh air.
<b>Skin Contact</b>	Wash with soap and water.
<b>Eye Contact</b>	Check for and remove contact lenses if present. Immediately flush contaminated eye(s) with water for at least 10 minutes. Hold eyelids open to ensure irrigation of tissue. If irritation persists, seek medical advice.
<b>Ingestion</b>	Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or is convulsing. Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water. Get immediate medical advice.
<b>Most Important Symptoms and Effects, Acute and Delayed</b>	Acute: INHALATION: Should not be a hazard at ambient temperatures. Mists may cause coughing. SKIN CONTACT: Not expected to cause irritation. EYE CONTACT: Slight transient irritation may occur through direct contact. INGESTION: Swallowing small amounts not likely to cause injury. Chronic: <i>Not Applicable</i>
<b>Immediate Medical Attention and Special Treatment</b>	Treat symptomatically. May exacerbate pre-existing skin and respiratory disorders.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media** Carbon dioxide, foam, dry chemical, water spray. This product is not flammable. Use extinguishing media suitable for surrounding fire fighting situations.

**Unsuitable Extinguishing Media** *Not Applicable*

**Specific Hazards Arising from the Product** Reaction with strong oxidizers (nitric acid, others) or strong acids, chromium trioxide, potassium chlorate or potassium permanganate may cause an explosion. May create acrolein thermal decomposition. Propylene glycol may create explosive mixtures at above 99°C.

**Special Protective Equipment and Precautions for Fire-Fighters** Evacuate area and fight fire from a safe distance. Downwind personnel must be evacuated. Cool tanks/drums with water spray/remove them into safety. Cool fire-exposed containers.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures** Wear appropriate personal protective equipment (Section 8). Remove chemicals which can react with the spilled material if it can be done without risk. Implement spill control plan. Stop or reduce leak if safe to do so.

**Methods for Containment and Cleaning Up**

Prevent from entering sanitary or storm sewers, waterways, or confined spaces by diking with inert materials such as earth or sand. Absorb and collect spillage with an inert material such as sand or clay. Dispose of in accordance with local regulations. Flush area with water.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

No special handling required. Avoid prolonged contact with skin. Keep containers closed when not in use.

**Conditions for Safe Storage**

Store in clean, tightly sealed containers. Keep away from incompatible materials (See Section 10).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters**

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
Glycerine	<i>Not Available</i>	<i>Not Available</i>	10 mg/m <sup>3</sup>	<i>Not Available</i>
Propylene Glycol	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>

**Notes**

\*Exposure limits may vary from time to time and from one jurisdiction to another. Check with local regulatory agency for the exposure limits in your area.

**Appropriate Engineering Controls**

Provide natural ventilation adequate to ensure concentrations are kept below exposure limits.

**Individual Protection Measures****Eye/Face Protection**

Not normally required. If splashing is likely, wear chemical goggles or safety glasses.

**Skin Protection**

Not normally required. For prolonged use or sensitive individuals, wear gloves.

**Respiratory Protection**

Not normally required. If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

**Other**

Have a safety shower and eye wash station readily available in the immediate work area.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Viscous Liquid	Specific Gravity (water = 1)	~1.1 @ 25°C
Odour	Bland.	Solubility in Water	Soluble
Odour Threshold	<i>Not Available</i>	Solubility in Other Liquids	<i>Not Available</i>
pH	~7	Partition Coefficient, n-Octanol / Water (Log Kow)	<i>Not Available</i>
Melting Point and Freezing Point	<i>Not Available</i>	Auto-ignition Temperature	400°C
Initial Boiling Point and Boiling Range	<i>Not Available</i>	Decomposition Temperature	<i>Not Available</i>

<b>Flash Point</b>	99°C (PMCC) (Propylene Glycol)	<b>Viscosity</b>	<i>Not Available</i>
<b>Evaporation Rate</b>	<i>Not Available</i>	<b>Flammability (solid, gas)</b>	<i>Not Applicable (Liquid)</i>
<b>Vapour Density (air = 1)</b>	<i>Not Available</i>	<b>Upper and Lower Flammability or Explosive Limit</b>	12.6 vol % (Upper – Propylene glycol) 2.6 vol % (Lower – Propylene Glycol)
<b>Vapour Pressure</b>	<i>Not Available</i>		

## SECTION 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Propylene glycol is hygroscopic.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Conditions to Avoid</b>	Incompatible products. Excess heat or moisture.
<b>Incompatible Materials</b>	May react with strong oxidizers (nitric acid, others) or strong acids, chromium trioxide, potassium chlorate or potassium permanganate.
<b>Hazardous Decomposition Products</b>	Acrolein.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

**X** Inhalation **X** Skin contact **X** Eye contact **X** Ingestion (\* = Major)

### Acute Toxicity

<b>LC50</b>	<i>Not Available</i>
<b>LD50 (oral)</b>	<i>Not Available</i>
<b>LD50 (dermal)</b>	<i>Not Available</i>
<b>Notes</b>	Not expected to be acutely toxic.
<b>Skin Corrosion / Irritation</b>	May cause slight respiratory irritant.
<b>Serious Eye Damage / Irritation</b>	May cause slight, transient eye irritation.
<b>STOT (Specific Target Organ Toxicity) - Single Exposure</b>	Not reported.

<b>Aspiration Hazard</b>	Not reported.
<b>STOT (Specific Target Organ Toxicity) - Repeated Exposure</b>	Not reported.
<b>Respiratory and/or Skin Sensitization</b>	Not known to be a sensitizer.
<b>Carcinogenicity</b>	Not reported.
<b>Notes</b>	
<b>Reproductive Toxicity</b>	
<b>Development of Offspring</b>	Not reported.
<b>Sexual Function and Fertility</b>	Not reported.
<b>Effects on or via Lactation</b>	Not reported.
<b>Germ Cell Mutagenicity</b>	Not expected to be a mutagen.
<b>Interactive Effects</b>	Not reported.

## SECTION 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not expected to be toxic to the aquatic environment.		
	<b>Ingredient</b>	<b>Species</b>	<b>LC/EC<sub>50</sub></b>
<b>Persistence and Degradability</b>	Not Available		
<b>Bioaccumulative Potential</b>	Not Available		
<b>Mobility in Soil</b>	Not Available		
<b>Other Adverse Effects</b>			

## SECTION 13. DISPOSAL CONSIDERATIONS

<b>Disposal Methods</b>	Canadian Environmental Protection Act: All ingredients are listed in the DSL. Dispose of in accordance with all federal, provincial/state, and local regulations. Consult with your local supplier for additional information.
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## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group

Canadian TDG Regulations					
IATA Regulations					
IMDG Code					
	Note:				
Notes: Not Regulated for Transport					

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): All ingredients are on the Domestic Substances List (DSL).

## SECTION 16. OTHER INFORMATION

**Date of Creation** January 2, 2020

**Date of Latest Revision** January 2, 2020

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**\*SDS compliant with WHMIS 2015**