# Material Safety Data Sheet

# **U.S. Department of** Labor

May be used to comply with

Occupational Safety and Health

Administration

(Non-Mandatory Form)

OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Form Approved

OMB No. 1218-0072

IDENTITY (As Used on Label and List) **VEI Fog Fluid** 

#### **Section I**

	Emergency Telephone Number (718) 324-0011
1	Telephone Number for Information (718) 324 - 0011
Date Prepared January 2010	Signature of Preparer (optional)

#### **Section II - Hazard Ingredients/Identity Information**

Hazardous Components: NA			Other Limits
Specific Chemical Identity: NA	OSHA PEL	ACGIH TLV	Recommended
Common Name(s): NA			

This product consists of a filtered blend of polyfunctional alcohol regularly used by the food and cosmetics industries. Main component of this product is water.

**Potential Short Term Effects:** Prolonged or concentrated exposure can cause dryness of the eyes. Symptoms may include redness, edema, drying, defatting, and cracking of the skin. Symptoms of over-exposure may be headache, dizziness, tiredness, nausea and vomiting.

#### **Section III - Physical/Chemical Characteristics**

Boiling Point	N/E	Specific Gravity (H <sub>2</sub> O = 1) @25/25C	1.12	
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A	
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/E	
Solubility in Water: Completely miscible.				
Appearance and Odor: Clear, colorless and odorless.				

#### **VEI Fog Fluid**

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Not Flammable by WHMIS/OSHA criteria	NA	N/D	N/D
Extinguishing Media			

Use water, alcohol resistant foam, CO<sub>2</sub> or dry chemical.

Special Fire Fighting Procedures

Wear Self-contained breathing apparatus and full protective clothing.

Hazardous Combustion Products

May include and are not limited to Oxides of carbon.

# Section V - Reactivity Data

Stability:	Stable	X	Shelf Life:	24 Months	
Conditions to Avo					
Do not mix with other chemicals.					
Incompatible mate	erials				

Strong oxidizing agents. Acids. Bases.

Possible Hazardous Reactions: Hazardous polymerization does not occur.

Hazardous Decomposition or Byproducts

May include and are not limited to oxides of carbon when heated to decomposition.

# **Section VI – Toxicological**

# **Toxicological Information:**

Skin: The LD50 for skin absorption in rabbits is >5000 mg/kg Ingestion: The oral LD50 for rats is 16,800-22,060 mg/kg.

Inhalation: The aerosol LC50 for rats is >4.5 mg/L.

#### **Potential Health Effects:**

Eye: May cause slight irritation.

Skin: Prolonged or repeated exposure may cause skin irritation. May cause more serve response if skin is abrased.

Inhalation: May cause respiratory tract irritation.

Ingestion: Single dose oral toxicity is considered to be low. May cause stomach distress. If swallowed seek medical attention.

Chronic Effects: Non hazardous by WHMIS/OSHA criteria. Carcinogenicity: Non hazardous by WHMIS/OSHA criteria. Teratology: Non hazardous by WHMIS/OSHA criteria. Reproductive: Non hazardous by WHMIS/OSHA criteria.

# Medical Conditions Generally Aggravated by Exposure

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

#### Section VII – Accidental Release Measures / Disposal Considerations

#### **Personal Precautions** Keep unnecessary personnel away.

Small spills: Soak up with absorbent material and collect labeled containers for disposal. Prevent large spills from entering sewers or waterways. Never return spills in original

containers for re-use.

### **Disposal Methods**

Do not discharge into waterways, sewers, basements or confined areas. Follow federal, state, provincial and local government requirements for waster.

# Precautions to Be taken in Handling and Storing

Keep out of reach of children. Store in a closed container away from incompatible materials.

#### **Section VIII – Exposure Controls / Personal Protection Equipment**

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Hand Protection:				
If there is constant	If there is constant skin contact, rubber gloves are recommended.			
Respiratory Protection: Not normally required if good ventilation is maintained.				
Ventilation:	Eye Protection:	Skin and Body Protection: As		
General room	Safety goggles when applicable	required by employer code.		
normally adequate				
General hygiene considerations: Handle in accordance with good industrial hygiene and safety				
practice. When using do not eat or drink. Wash hands before breaks and immediately after				
handling the product.				

This information is to the best of our knowledge and belief, accurate and reliable as of the date complied. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.