

# Material Safety Data Sheet



Vi-Jon Laboratories, Inc.

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St. Louis, MO 63114

314-427-1000

## Section I: Chemical Identification

Product Name: Brisk Aftershave

Product Code: PN 1292

Date Prepared: August 4, 2006

Product Use: Aftershave

Manufacturer: Vi-Jon Laboratories, Inc.

FOR MORE INFORMATION CALL:

314-427-1000

IN CASE OF AN EMERGENCY:

1-800-424-9300 CHEMTREC

## Section II: Hazardous Ingredients/Identity Information

<u>Hazardous Components</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% content</u>
Ethyl Alcohol	TWA: 1000 ppm	TWA: 1000 ppm	50% w/w
CAS Number 64-17-5	STEL: 1000 ppm	STEL: 1000 ppm	

NFPA Hazard Identification:

HEALTH = 1  
FIRE = 3  
REACTIVITY = 0

National Fire Protection Association(NFPA) Legend:

4=Extreme  
3=Serious  
2=Moderate  
1=Slight  
0=Minimal

**Emergency Overview:** Ethyl Alcohol is a volatile substance, it is extremely flammable and its vapors form explosive mixtures with air. Since alcohol vapors travel with air currents, they can be ignited by spark or flame remote from the site the ethyl alcohol is being handled. Dangerous fire hazard when exposed to heat, sparks, flame, or oxidants. Eye and mucous membrane irritant. Harmful if swallowed or inhaled.

Additional information Section VI.

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### Section III: Physical and Chemical Characteristics

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Appearance:	Clear, green solution.
Physical State:	Liquid.
Odor:	Residual alcohol odor.
Boiling Point:	180EF (82EC)
Flash Point:	81EF(27EC)
Method:	Tag closed cup.
Specific Gravity:	0.92 (H <sub>2</sub> O=1)
Vapor Pressure @ 20EC:	n/a
Vapor Density:	n/a
Evaporation Rate:	n/a
Solubility in Water:	incomplete with cloudiness.

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### Section IV: Fire and Explosion Hazard Data

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Flash Point:	81EF (27EC)
Lower Flammable Limit:	5.0%(Volume % in air)
Upper Flammable Limit:	25.0%(Volume % in air)
OSHA Flammability Class:	Flammable Liquid IB.

Extinguishing Media:

Small Fire: Use carbon dioxide or dry chemical  
Large Fire: Use regular foam.

Unusual Fire and Explosion Hazards:

NBE Brisk Aftershave is extremely flammable and its vapors form explosive mixtures with air. Dangerous when exposed to heat, sparks, flame or oxidants.

Special Firefighting Precautions/Instructions:

Handle as a flammable liquid. Use water to keep fire-exposed tanks and containers cool. Do not enter fire area without proper personal protective equipment to include a self-contained breathing apparatus.

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### Section V: Reactivity Data

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Stability? Conditions to Avoid:

Normally stable. Keep away from heat, sparks and flame.

Incompatibility. Materials to Avoid:

Avoid strong oxidizing agents.

Hazardous Decomposition Products:

Carbon Monoxide, water vapor and unidentified organic compounds.

Hazardous Polymerization?

Hazardous polymerization will not occur.

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### Section VI: Health Hazard Data

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Potential Health Hazards:

**Skin:** Prolonged exposure to vapor irritates the skin. Repeated and prolonged contact of the liquid with the skin and cause dryness and erythema (inflammation).

**Eyes:** Can cause irritation of the eyes and mucous membranes

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## Section VI cont.

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**Inhalation:** Vapor concentration of above 3300 ppm causes minor irritation of the eyes, nose and throat. Inhalation of higher concentration may cause headache, nausea, confusion, drowsiness, convulsions, and coma.

**Ingestion:** Ingestion of a toxic dose can cause gastrointestinal irritation, narcosis and injury to the kidneys and liver.

Carcinogenicity?

NTP

IARC Status

OSHA

*No ingredients listed in this section.*

Medical Conditions Generally Aggravated by Exposure:

pre-existing eye, skin, and respiratory disorders, and asthma.

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## Section VII: First Aid Procedures

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**Skin:** In case of skin contact remove contaminated clothing, immediately wash affected area with soap and water. Get medical attention if contact causes skin to crack or dermatitis.

**Eye:** In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelids wide open. Get prompt medical attention.

**Inhalation:** If inhaled remove patient to fresh air. If not breathing give artificial respiration. If breathing is difficult, oxygen can be given by a qualified operator. Get prompt medical attention.

**Ingestion:** If swallowed, do not induce vomiting unless advised by a physician. Get prompt medical attention.

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## Section VIII: Precautions for Safe Handling and Use

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In Case of Spill or Release:

Always wear the proper personal protective equipment. Eliminate all sources of ignition in the vicinity of the spill. Isolate the spill area and contain. Only trained personnel fitted with the proper personal protective equipment should be allowed to enter the spill site. Terminate the leak immediately, if possible. Collect the spill in a waste container for disposal. Flush the spill area thoroughly with water. Spill and washings must be contained and prevented from entering a waterway.

Waste Disposal Method:

Dispose according to federal, state, and local regulations.

Handling and Storage:

Do not store above 120°F (49°C). Keep away from sources of ignition and oxidizing materials. Always use in a well ventilated area.

Other Precautions:

**Keep Away From Children!** Empty containers are hazardous due to residual product.

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## Section IX: Exposure Controls

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Engineering Controls:

Good ventilation is essential in areas where this product is handled to prevent the accumulation of explosive mixtures. Explosion-proof fans and electrical should be used in mechanical type ventilation systems.

Personal Protective Equipment:

**Skin Protection:** Natural rubber, Butyl, or neoprene gloves and apron. Chemical resistant safety shoes.

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## Section IX Cont.

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Eyes and Face: Chemical safety goggles.

Respiratory Protection: No respiratory protection is required for concentrations below 3300 ppm.

3300 ppm and above-Any supplied-air respirator with full facepiece and is operated in a pressure-demand or other positive pressure mode in combination with an auxiliary SCBA.

Escape-Any escape type self-contained breathing apparatus.

Work/Hygienic Practices:

Following generally recognized safety practices and sound work methods should be used when handling this product in large or small quantities.

### Notice

The information and recommendations contained in the Material Safety Data Sheet (MSDS) are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein (hereinafter  $\Delta$ information $\cong$ ) are presented in good faith and believed to be correct as of this date hereof.

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