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MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION:

Product Name: **SPORT COOLING GEL**

2. HAZARDOUS INGREDIENTS:

Ethanol Alcohol
Menthol

3. PHYSICAL & ANALYTICAL DATA:

Boiling Point:	212° F
Freezing Point:	-148° F
Vapor Pressure (mm Hg):	41 @ 68° F (20° C)
Vapor Density (AIR-1):	1.5
Specific Gravity (H ₂ O=1):	0.81 at 20/20° C
Evaporation Rate:	3 (butyl acetate=1)
Water Solubility:	100% at 20° C
Appearance and Odor:	Clear gel; characteristic odor
Volatiles (by wt):	100%

4. FIRE OR EXPLOSION HAZARD:

Flash Point (Method Used):	62° F Tag closed cup
Flammable Limits (LEL):	3.3% (Ethanol)
Flammable Limits (UEL):	19.0% (Ethanol)
Extinguishing Media:	Carbon dioxide, dry chemical and alcohol foam
Specific Fire Fighting Procedures:	Use water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors; re-ignition is possible. Use self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: Vapors form from this product and may travel or be moved by air currents and ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static or other ignition sources at locations distant from product handling point. Vapors from this material may settle in low or confined areas or travel a distance to an ignition source and flash back explosively. May produce a floating fire hazard. Static ignition can result. Electrically bond and ground all containers and equipment before transfer or use of material. Flame may be invisible. Approach fire with caution.

5. REACTIVITY DATA:

Stability: Stable
Conditions to Avoid: Heat, sparks, and fire
Incompatibility (Materials to Avoid): Strong oxidizing agents, strong inorganic agents
Hazardous Decomposition of By-products: Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.
Hazardous Polymerization: Will not occur

6. HEALTH HAZARD DATA:

Routes of Entry: Inhalation, skin, ingestion
Health Hazards (Acute and Chronic): Repeated exposure may exacerbate liver injury produced from other causes. May aggravate existing skin dermatitis.

Signs and Symptoms of Exposure:

Swallowing: May cause dizziness, faintness, drowsiness, decreased awareness and responsiveness, euphoria, abdominal discomfort, nausea, vomiting, staggering gait, lack of coordination and coma.

Skin Absorption: No harmful effects with normal skin. Potentially harmful amounts of material may be absorbed across markedly damaged skin when contact is sustained.

Skin Contact: Prolonged or repeated contact may cause defatting and drying of the skin.

Eyes: May cause irritation, experienced as stinging with excess blinking and tear production. Excess redness of the conjunctiva may occur.

Inhalation: High vapor concentrations may cause burning sensation in the nose and throat, and stinging and watering in the eyes. At concentrations, which cause irritation, dizziness, faintness, drowsiness, nausea and vomiting may also occur.

Medical Conditions Generally Aggravated by Exposure: Skin contact may aggravate an existing dermatitis. Repeated exposure to ethanol may aggravate liver injury produced from other causes.

Swallowing: If patient is fully conscious, give two glasses of water. Induce vomiting. This should be done only by medical or experienced first-aid personnel. Obtain medical attention.

Skin: Wash with soap and water

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, qualified personnel may give oxygen. Obtain medical attention.

Eyes: Immediately flush eyes with water and continue washing for several minutes. Remove contact lenses, if worn. Obtain medical attention if discomfort persists.

6. PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to be taken in Case Material is Released or Spilled: Eliminate all sources of ignition. Small spills should be flushed with large quantities of water. Larger spills should be collected for disposal.

Waste Disposal Method: Incinerate where permitted under appropriate Federal, State and Local regulations.

Precautions to be taken in Handling and Storing: Keep away from heat, sparks and open flame. Keep container closed, use with adequate ventilation.

Other Precautions: Contains ingredients which render this product wholly unfit for beverage purposes; if taken internally will cause serious consequences to health.

8. CONTROL MEASURES:

Respiratory Protection: Air-supply mask in confined areas or high vapor concentrations
 Ventilation: General (mechanical) room ventilation is expected to be satisfactory where this product is stored and handled in closed equipment. Special, local ventilation is needed at points where vapor can be expected to escape to the workplace air.
 Protective Gloves: Neoprene, PVC-coated
 Eye Protection: Chemical splash goggles
 Other Protective Clothing or Equipment: Chemical apron, eye bath, safety shower
 Work/Hygienic Practices: Practice good housekeeping

HMIS Hazard Rating Index	
0	REACTIVITY
H	PROTECTIVE EQUIPMENT

NFPA D.O.T. Disposal	
0	REACTIVITY
N/A	OTHER

9. TRANSPORTATION INFORMATION

U.S. Dept of Transportation	
Proper Shipping Name	Ethanol Solutions
Hazard Class	3
ID Number	UN 1170
Packing Group	II
Label Statement	Flammable Liquid

Water Transportation	
Proper Shipping Name	Ethanol Solutions
Hazard Class	3
ID Number	UN 1170
Packing Group	II

10. PREPARATION INFORMATION:

Responsible for preparation: Quality Control
 Bon Vital Inc.
 596 Progress Drive
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DISCLAIMER

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