

SAFETY DATA SHEETS

This SDS packet was issued with item:

078459580

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078678337



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The following Auburn Laboratories product contains 190 Proof Ethyl Alcohol in a mixture of water and herbs. The Safety Data presented herein is for Ethyl Alcohol, 190 Proof, and should be followed to provide the safest environment.

<i>Product</i>	Alcohol Percentage	
	Low	High
APF Plus— Advanced Protection Formula Plus		
Eleutherococcus senticosus	34%	34.7%
Schizandra chinensis		
Rhodiola rosea		
Echinopanax elatus		
Aralia mandschurica		

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MATERIAL SAFETY DATA SHEET

Auburn Laboratories, Inc. urges the customer receiving this Material Safety Data Sheet (MSDS) to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety, you should: (1) notify your employees, agents, and contractors of the information on this sheet, and (2) furnish a copy to each of your customers to inform their employees and customers as well.

SECTION I - IDENTIFICATION

PRODUCT NAME: ADVANCED PROTECTION FORMULA (APF) PLUS

INGREDIENTS: Eleutherococcus senticosus, Schizandra chinensis, Rhodiola rosea, Echinopanax elatus, Aralia mandschurica

CHEMICAL FAMILY: Ethyl-Alcohol Herbal Liquid Extract (30 - 40%)

SECTION II - SOLVENT USED COMPOSITION

COMPOSITION	CAS RN.	NOMINAL Vol/Vol%	PEL/TLV (Pure Ethyl Alcohol)	HAZARD (Pure Ethyl Alcohol)
Ethyl Alcohol	64-17-5	30 - 40%	1000 ppm	Flammable
Water	7732-18-5	60 - 70%	None	None

SECTION III - HEALTH INFORMATION

INHALATION: No adverse health effects are expected from inhalation exposure.

EYE CONTACT: Liquid can cause significant irritation.

SKIN CONTACT: May cause irritation and detailing of skin on prolonged contact.

SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

PEL (OSHA Permissible Exposure Limit): Mixture - See Section II

TLV (ACGIH Threshold Limit Value): Mixture - See Section II

SECTION V - EMERGENCY FIRST AID PROCEDURE

FOR OVEREXPOSURE BY:

INGESTION: None required for ingestion of small quantity. If irritation occurs, administer large amounts of water.

INHALATION: Immediately remove victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY.

CONTACT WITH

EYES OR SKIN: Immediately flush affected area with plenty of cool water. Eyes should be flushed for at least 15 minutes. Remove and wash contaminated clothing before reuse. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VI - PHYSICAL DATA

SOLUBILITY:	Miscible as hydro-alcohol solution
LIQUID EXTRACT APPEARANCE AND COLOR:	Light Brown

SECTION VII - FIRE AND EXPLOSIVE HAZARDS (PURE ETHYL ALCOHOL)

FLASH POINT	56° F ASTM D-56 (Tag Closed Cup)
BOILING POINT *:	173° F
AUTO-IGNITION TEMPERATURE*:	685°
FLAMMABLE LIMITS IN AIR. % BY VOLUME *:	LOWER: 3.3 UPPER: 19
NFPA (National Fire Protection Association) RATING*:	HEALTH (0) FIRE (3) REACTIVITY (0)

(Does not apply to exposure hazards other than during a fire.)

* For pure ethyl alcohol.

FIRE FIGHTING PROCEDURES: (Note: Individuals should perform only those fire-fighting procedures for which they have been trained.) Use dry chemical, "alcohol" foam, or carbon dioxide; water may be ineffective, but water should be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect men attempting to stop a leak. Water spray may be used to flush spills away from exposures and to dilute spills to nonflammable mixtures.

USUAL FIRE & EXPLOSION HAZARDS: Firefighters should wear self-contained breathing apparatuses in the positive pressure mode with a full face piece when there is a possibility of exposure to smoke, fumes, or hazardous decomposition products.

SECTION VIII - REACTIVITY

STABILITY: Stable under normal temperatures and pressures.
HAZARDOUS POLYMERIZATION: Not Likely.

SECTION IX - EMPLOYEE PROTECTION

CONTROL MEASURES: Handle in the presence of adequate ventilation.
RESPIRATORY PROTECTION: Where exposure is likely to exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminant in air and in accordance with OSHA (29 CFR 1910.134).
PROTECTIVE CLOTHING: Wear gloves and protective clothing which are impervious to the product for the duration of the anticipated exposure if there is potential for prolonged or repeated skin contact.
EYE PROTECTION: Wear safety glasses meeting the specifications of ANSI Standard Z87.1 where no contact with the eye is anticipated. Chemical safety goggles meeting the specifications of ANSI Standard Z87.1 should be worn whenever there is the possibility of splashing or other contact with the eyes.

SECTION X - ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PRECAUTIONS: Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.
SPILL OR LEAK PROCEDURES: Wear appropriate respiratory protection and protective clothing as described in Section IX. Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.
WASTE DISPOSAL: All recovered material should be packaged, labeled, transported, and disposed of, or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices.

SECTION XI - REGULATORY CONTROLS

DEPARTMENT OF TRANSPORTATION (DOT):

DOT CLASSIFICATION: Not regulated under the 49 CFR reference 173.150
DOT PROPER SHIPPING NAME: Not applicable
OTHER DOT INFORMATION: Not applicable

SECTION XII - PRECAUTIONS: HANDLING, STORAGE, AND USAGE OF LARGE QUANTITIES

Keep material in a cool, dry area out of sun and away from heat.

Protect container against physical damage. Detached or outside storage is preferred. Inside storage should be in a NFPA approved flammable liquid storage room or cabinet. All ignition sources should be eliminated. Smoking should be prohibited in the storage and usage areas. Electrical installations should be in accordance with Article 501 of the National Electrical Code. NFPA 30, Flammable and Combustible Liquids Code, should be followed for all storage and handling. Frequent, careful leakage inspections should be done. An automatic sprinkler system should be provided. Isolate from oxidizers, chemicals capable of spontaneous heating, materials reacting with air or moisture to liberate heat, ignition sources and explosives. Consult local fire codes for additional storage information.

Keep material packaged in drums or bottles out of sun and away from heat. Remove closure carefully; internal pressure may be present. Keep closure on to prevent leakage.
Empty containers retain residual product; all precautions described on the MSDS must be observed.

CAUTION: For manufacturing, processing, or repackaging use.

The information contained herein is furnished without warranty of any kind and is presented as a guideline. Employers should use this information only as a supplement to other information gathered by them and to assure proper use of these materials regarding the safety and health of employees.