

**Material Safety Data Sheet**

May be used to comply with OSHA Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List) <b>AVL ELECTRO CONTACT CLEANER II</b> Product Number: AVL-ECC-II	<i>Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.</i>
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**Section I**

Manufacturer's name <b>Aviation Laboratories</b>	Emergency Telephone Number: <b>1-800-424-9300</b>
Address (Number, Street, City, State and ZIP Code) <b>5401 Mitchelldale #B6</b> <b>Houston, Texas 77092</b>	Telephone Number for Information: <b>713-864-6677</b> Date Prepared 05/04/2005 Signature of Preparer (optional)

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))

	CAS Number	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	N/A	N/A
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	N/A	N/A
n-Propyl Bromide	106-94-5	N/E	N/E	100 ppm	

Information pertaining to particular dangers for man and environment R 36/37/38 Irritating to eyes, respiratory system and skin.

Xi : Irritant

Health = 2

Fire = 1

Reactivity = 0

NFPA rating (scale 0-4)

Risk Phrase:

Safety Phrase:

National reporting regulations or classifications:

**Section III—Physical/Chemical Characteristics**

Boiling Point (degrees Fahrenheit)	154 F	Specific Gravity (H <sub>2</sub> O = 1)	1.30
Vapor Pressure (mm Hg)	>100	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	<1

Solubility in Water : NEG.

Appearance and Odor : Clear spray, strong solvent odor

**Section IV—Fire and Explosion Hazard Data**

Flammable Limits :	LEL : N/A	UEL :N/A
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**Extinguishing Media** : Foam ,dry chemical, carbon dioxide, water

**Special Fire Fighting Procedures** : Wear self contained breathing apparatus with full face protection operated in a positive pressure demand mode ; cool containers to prevent bursting.

**Unusual Fire and Explosion Hazards** : Intensive heat created by fire will cause aerosols to burst. Keep away from all ignition source, sparks, heat or flames.

Do not store in direct sunlight or above 120 degrees F.

(Reproduce locally)

OSHA 174 Sept. 1985

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**Section V—Reactivity Data**

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Stability	Stable X		Conditions to Avoid : sparks or open flames, temperatures above 120F, hot surfaces

Incompatibility (Materials to Avoid) :Some plastics, strong mineral acids and strong oxidizers. Prolonged contact with aluminum, magnesium and zinc.

Hazardous Decomposition or Byproducts :Thermal decomposition may yield carbon monoxide, carbon dioxide, and hydrogen halides

Hazardous Polymerization	Will not occur X		Conditions to Avoid : N/A

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**Section VI—Health Hazard Data**

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Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? No
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Health Hazards (Acute and Chronic): Inhalation: Dizziness. Prolonged exposure may lead to unconsciousness.

Eyes: Strong Irritation. Skin: May be absorbed through skin.

Carcinogenicity : Not Applicable      NTP: No      IARC Monographs: No      OSHA Regulated: No

Signs and Symptoms of Exposure: See health hazards above.

Medical Conditions Generally Aggravated by Exposure: Excessive exposure will aggravate respiratory, cardiovascular, or pulmonary illness.

Emergency and First Aid Procedures: Inhalation: Remove to fresh air. Consult physician. Eyes: Flush with water for 15 minutes. Consult physician.

Skin: Wash with soap and water. Consult physician if irritation persists

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**Section VII—Precautions for Safe Handling and Use**

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Respiratory Protection : None required if good ventilation is maintained.

Ventilation: Local exhaust is usually adequate. However, mechanical ventilation should be used when applying in confined space for prolonged periods of time. Vapor concentration should be minimized as much as possible. Protective gloves: Use solvent resistant gloves. Safety glasses are recommended.

Waste Disposal Method: Must adhere to State and Federal regulations.

Precautions to Be Taken in Handling and Storing: Store aerosols below 120 degrees F and above 32 degrees F. Store away from ignition sources and avoid breathing vapors.

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**Section VIII—Control Measures**

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Respiratory Protection (Specify Type) : None Required if good ventilation is maintained

Ventilation	Local Exhaust : Required	Special N/A
	Mechanical (General) : N/A	Other

Protective Gloves: Use solvent resistant gloves for liquid handling      Protective Eye Wear: Face shield or goggles are suggested

Other Protective Clothing or Equipment : None Required

Work/Hygienic Practices : Wash hands with soap and water after handling and before breaks, lunch, and end of work periods. Remove contaminated clothing and laundry before re-use.

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