



5100B AAV VACUUM CLEANING SOLUTION

Material Safety Data Sheet

May be used to comply with OSHA's 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) AAV Vacuum Cleaning Solution	<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 airandvac.com	Emergency Telephone Number 619-562-3060 or 800-743-8280
Address (Number, Street, City, State and ZIP Code) 1954 Friendship Drive, El Cajon, CA 92020	Telephone Number for Information 619-562-3060 or 800-743-8280
	Date Prepared
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Contains no hazardous ingredients according to the provisions given in 29 CFR 1910.2000, OSHA Hazard Communication Rule.				
Organic glycol ether 50 ppm				

Section III—Physical/Chemical Characteristics

Boiling Point	215 F (103 C)	Specific Gravity (H ₂ O = 1)	1.034
Vapor Pressure (mm Hg)	17.5	Melting Point	n/a
Vapor Density (AIR = 1)	n/a	Evaporation Rate (Water = 1)	< 1
Solubility in Water 100%			
Appearance and Odor Light Blue – Characteristic Odor			

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) NONE	Flammable Limits NONE	LEL	UEL
Extinguishing Media n/a			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable X		None

Incompatibility (*Materials to Avoid*)**None Determined**

Hazardous Decomposition or Byproducts

Thermal decomposition in the presence of air may yield carbon monoxide and carbon dioxide.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur X		None

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (*Acute and Chronic*)**Acute: Inhalation – IPA poisoning, headache, narcosis. Ingestion – IPA and antifreeze poisoning may result in drowsiness, vomiting, headaches. Death may result from ingestion of large quantities. Chronic: None determined.**

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
None reported	n/a	n/a	n/a

Signs and Symptoms of Exposure

Inhalation – Not considered likely – remove from area. Skin contact – flush with water.

Medical Conditions

Generally Aggravated by Exposure - **None determined**

Emergency and First Aid Procedures

Inhalation – remove to fresh air. Ingestion – empty stomach and see physician.**First Aid Procedures: Eye contact – flush with copious amounts of water. Skin contact – flush with water.****Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled

Wipe up with rags or other absorbent material then place rags in disposable container. Complete clean-up with water.**Mop up large spill, flush down drain. 100% biodegradable.**

Waste Disposal Method

Biodegradable

Precautions to Be Taken in Handling and Storing

Store in a dry place. Cap tightly to prevent evaporation.

Other Precautions

Do not ingest, inhale, spray in eyes or contact with skin.**Section VII—Control Measures**Respiratory Protection (*Specify Type*)**Maintain adequate ventilation.**

Ventilation	Local Exhaust	Recommended	Special	None
	Mechanical (<i>General</i>)	None	Other	None

Protective Gloves	Rubber gloves recommended	Eye Protection	Goggles or face shield
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Other Protective Clothing or Equipment **Protective apron**Work/Hygienic Practices **Observe all safe handling practices.**