

## Acid Alcohol Solution (0.5%)

<b>PRODUCT NAME:</b>	Acid Alcohol Solution (0.5%)
<b>CATALOG #:</b>	AAL
<b>PRODUCT DESCRIPTION:</b>	Laboratory reagent.
<b>COMPOSITION:</b>	Ethyl Alcohol (65%), CAS# 64-17-5 Water, CAS# 7732-18-5 Isopropyl Alcohol, CAS# 67-63-0 Hydrochloric Acid (0.5%), CAS# 7647-01-0 May contain additional non-hazardous proprietary ingredients.
<b>PHYSICAL DATA:</b>	
<b>APPEARANCE / ODOR</b>	Transparent colorless liquid. Mild alcohol odor.
<b>SOLUBILITY IN WATER</b>	Soluble.
<b>VAPOR DENSITY</b>	N/A
<b>VAPOR PRESSURE</b>	N/A
<b>EVAPORATION RATE</b>	N/A
<b>MELTING POINT</b>	N/A
<b>BOILING POINT</b>	N/A
<b>FLASH POINT</b>	N/A
<b>AUTO-IGNITION POINT</b>	N/A
<b>LOWER EXPLOSIVE LIMIT IN AIR</b>	N/A
<b>UPPER EXPLOSIVE LIMIT IN AIR</b>	N/A
<b>FIRE AND EXPLOSION HAZARD DATA:</b>	Extinguish fire using carbon dioxide, chemical foam, or dry chemical. Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.) Vapor may travel considerable distance to source of ignition and flash back.
<b>REACTIVITY DATA:</b>	
<b>STABILITY</b>	Stable under normal temperatures and pressures.
<b>INCOMPATIBLE MATERIALS</b>	Metals, strong bases, acetyl chloride, acetyl bromide, nitric acid, iodine-mercuric oxide, hydrogen-palladium, chromic anhydride, magnesium.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Hydrogen chloride, oxides of carbon, formaldehyde.
<b>HAZARDOUS POLYMERIZATION</b>	None reported.
<b>HEALTH HAZARD DATA:</b>	
<b>ACUTE EFFECTS:</b>	<b>Eye Contact:</b> May cause irritation and redness. <b>Skin Contact:</b> May irritate skin. <b>Ingestion:</b> May irritate gastrointestinal system. <b>Inhalation:</b> May irritate respiratory tract.
<b>CHRONIC EFFECTS:</b>	<b>Eye Contact:</b> Unknown. <b>Skin Contact:</b> Unknown. <b>Ingestion:</b> Unknown. <b>Inhalation:</b> Unknown.

Material Safety Data Sheet  
AAL-MSDS

Rev. Date: Feb. 24, 2010

Revision: 1

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<b>FIRST AID:</b>	<p><b>Eye Contact:</b> Immediately flush eyes with copious amounts of water and get immediate medical attention.</p> <p><b>Skin Contact:</b> Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops.</p> <p><b>Inhalation:</b> Remove person to fresh air. Get medical attention if symptoms worsen.</p> <p><b>Ingestion:</b> Get immediate medical attention.</p>									
<b>ADDITIONAL INFORMATION:</b>										
<b>HMIS HAZARD CODES:</b>	<table border="1"> <tr> <td>HEALTH</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY</td> <td>3</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td>G</td> </tr> </table>	HEALTH	1	FLAMMABILITY	3	PHYSICAL HAZARD	0	PERSONAL PROTECTION	G	
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FLAMMABILITY	3									
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<b>SPILL OR LEAK PROCEDURES:</b>	<p>Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Keep material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.</p>									
<b>WASTE DISPOSAL METHOD:</b>	<p>Observe all federal, state and local environmental regulations.</p>									
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	<p>Wear protective clothing.</p> <p>Avoid contact with skin and eyes. Wash thoroughly after handling.</p> <p>Keep tightly closed.</p> <p>Irritant.</p> <p>Keep container tightly closed.</p> <p>Use in a chemical fume hood.</p> <p>Avoid breathing vapor.</p>									
<b>ADDITIONAL COMMENTS:</b>	<p>The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.</p>									