



**SAFETY DATA SHEET**  
Version: SDS\_261.01.00  
Revision Date: March 16, 2015

**1. IDENTIFICATION**

1.1 Product identifiers  
Product Name: Alcohol Pads  
Alternative names: Not available  
Product Number: 1-APX32, 1APX50, 1-AL-100, AP-002

1.2 Relevant identified uses of the substance or mixture and uses advised against  
Identified uses: For laboratory and educational use only

1.3 Details of the supplier of the safety data sheet  
Company: LAB-AIDS®, Inc, 17 Colt Ct., Ronkonkoma, NY 11779, USA  
Telephone: +1 800 381 8003  
Fax: +1 631 820 8268

1.4 Emergency telephone number  
Emergency number: CHEMTREC 1 800 424-9300

**2. HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture  
GHS classification  
Flam. Liq. (Category 2), H225  
Eye irritant (Category 2A), H319

2.2 Label elements, including precautionary statements  
Signal word: Danger  
Hazards statements: H225 - Highly flammable liquid and vapor, H319 - Causes serious eye irritation.  
Precautionary statements: P210 - Keep away from heat, hot surfaces, open flames, sparks, P280 - Wear protective gloves, eye protection



2.3 Hazards not otherwise classified: none

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

3.1 Substance: Not applicable  
3.2 Mixture

Chemical Name	Product Identifier	%	GHS-US classification
Water	CAS# 7732-18-5	30%	Not classified
Isopropanol	CAS# 67-63-0	70%	Flam. Liq. 2, H225; Eye Irrit. 2A ; STOT SE 3, H336

3.3 Chemicals where a trade secret is claimed: None

**4. FIRST AID MEASURE**

4.1 Description of the first aid measure:  
INGESTION: Never give anything by mouth to unconscious person. Rinse mouth and get conscious person drink a glass of milk or water. Do NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical attention.  
INHALATION: Remove to fresh air. Get medical attention if necessary.  
EYE CONTACT: Wash immediately with plenty of water, and continue washing for at least 15min., occasionally lifting upper and lower eyelids. Seek medical attention if necessary.  
SKIN CONTACT: Not applicable.  
4.2 Most important symptoms and effects, both acute and delayed: Exposure to high concentrations may cause coughing and central nervous system depression. Dizziness. Headache.

**5. FIREFIGHTING MEASURES**

5.1 Extinguishing media  
Suitable extinguishing media: Use TriClass, dry chemical extinguisher.  
5.2 Special hazard arising from the substance or mixture: Vapor spreads at floor level.  
5.3 Advice for firefighters: Use self-contained breathing apparatus and protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions: Wear laboratory grade gloves, eye protection and a lab coat.  
6.2 Emergency procedures: Restrict unprotected personnel from the area.  
6.3 Methods and material used for containment and cleanup procedure: An individual pad place in trash.

**7. HANDLING AND STORAGE**

7.1 Precaution for safe handling: Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Use only under adult supervision. Use with adequate ventilation. Avoid breathing vapor. Wash hands thoroughly after handling.  
7.2 Storage: Keep container in cool, well-ventilated area. Keep away from open flames, sparks and heat.  
7.3 Incompatibility: Refer to section 10.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1 Control parameters: ACGIH: STEL: 980g/m³; USA OSHA: TWA: 490g/m³  
8.2 Exposure controls: Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Use ventilation to keep airborne concentrations below exposure limits.  
Respiratory protection: Non should be needed if normal laboratory handling at room temperature. Use self-contained breathing apparatus in high vapor concentrations.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state: Cotton pads.  
Appearance: Saturated cotton pads.  
Odor: Alcohol  
pH: Not available  
Vapor Pressure (mm Hg): 32.4 at 20 °C/68°F (isopropyl alcohol)  
Vapor Density: the Not available  
Evaporation Rate: Not available  
Viscosity: N/A  
Flash point: 12°C/53.6°F (isopropyl alcohol)  
Autoignition: 399 °C/750.2°F (isopropyl alcohol)  
Boiling point: 82°C/180°F (isopropyl alcohol)  
Melting point: -89.5°C/-129.1°F (isopropyl alcohol)  
Freezing point: Not available  
Decomposition temp: Not available  
Solubility: Miscible in water and alcohol  
Specific gravity (H<sub>2</sub>O = 1): 0.786 g/cm³  
Percent volatile (%): Not available  
Molecular formula: Mixture  
Molecular weight: Mixture

**10. STABILITY AND REACTIVITY**

Chemical stability: Stable  
Conditions to Avoid: High temperatures, sparks open flames and incompatible materials.  
Incompatibilities: Alkali metals, metals, organic materials, strong oxidizing agents, amines.  
Hazardous decomposition: not available.  
Hazardous polymerization: Will not occur.

**11. TOXICOLOGICAL INFORMATION**

Acute effects: Eyes: Material is irritating to eyes. Skin: Not expected due to small quantity provided. Inhalation: Not expected due to small quantity provided. Large quantities might produce nausea, dizziness and headache. Ingestion: Ingestion may affect the cardiovascular system manifested by change in heart rate, hypotension, cardiac arrhythmias and respiratory depression.

Toxicological data:  
ORAL LD<sub>50</sub>(isopropyl alcohol): 5045mg/kg (Rat). 3600mg/kg (Mouse). 6410 mg/kg (Rabbit)  
DERMAL LD<sub>50</sub>(isopropyl alcohol): 12800 mg/kg 4h (Rabbit).

Carcinogenicity:  
California prop 65: Not classified

**12. ECOLOGICAL INFORMATION**

Data not available.

**13. DISPOSAL CONSIDERATION**

Disposal of in accordance with all local, state, and federal regulations.

**14. TRANSPORT INFORMATION**

UN number: N/A  
Shipping name: N/A  
Hazard Class: N/A  
Packing group: N/A  
Exceptions: Ltd Qty, N/A

**15. REGULATORY INFORMATION**

TSCA-listed, EINECS-listed (200-661-7) isopropyl alcohol. R11- Highly flammable, R36- Irritating to eyes, R67—Vapors may cause drowsiness and dizziness.

**16. OTHER INFORMATION**

Disclaimer:  
The Safety Data Sheet (SDS) is for guidance and is based upon information and tests believed to be reliable. LAB-AIDS® makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation and verification. The data should not be confused with local, state, federal regulations, or insurance mandates, and CONSTITUTE NO WARRANTY. Any use of these data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond LAB-AIDS, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).