SAFETY DATA SHEET

IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

Manufacturer: Poly Scientific R&D Corp
70 Cleveland Ave
Bay Shore, NY 11706
631-586-0400
polyrnd@polyrnd.com
www.polyrnd.com

Hazardous Materials Identification System

Health.....: 3
Flammability.....: 3
Reactivity.....: 0
***PPE.....:** g

*See Section 8

Section 1. Chemical Product and Company Identification

Item Number: s103b-1
Common Name: Acid Alcohol 0.5%
Chemical Name(s): Reagent Alcohol
Chemical Family: Alcohol
Chemical Formula: Mixture

Section 2. Composition Information

Exposure Limits(A blank value indicates no information available)

Component	CAS#	PEL(mg/m3)	STEL(mg/m3)	CEIL(mg/m3)
Ethyl Alcohol	64-17-5		1,900.00	
Isopropyl Alcohol	67-63-0	1,225.00	980.00	
Methyl Alcohol	67-56-1	325.00	260.00	

Section 3. Hazards Identification

Potential Acute Health Effects: Hazardous in case of eye,skin contact, inhalation,ingestion

Potential Chronic Health Effects: Isopropyl Alcohol: IARC code 3

Section 4. First Aid Measures

Eye Contact: Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention.
Skin Contact: Remove contaminated clothing and shoes. Wash the affected area with large with soap and water. Seek medical attention
Ingestion: Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention
Inhalation: Move person to fresh air. If neccessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention

Section 5. Fire and Explosion Data

Flash Point (F) TCC: N/A
Lower Flammability Limit (%): N/A **Upper Flammability Limit (%):** N/A
Extinguishing Media: Dry Chemical Powder, Alcohol Foam, Carbon Dioxide
Special Fire and Explosion Remarks: N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special: Warning!! Flammable!! Eliminate ignition sources. Take up spills with absorbent material.
Spill Cleanup: Take up spills with absorbant material and containerize for proper disposal

Section 7. Handling and Storage

Storage and Handling Special: Refrigerate
Storage and handling: Keep container tightly closed. Store in a cool, dry area and protect from physical damage

Section 8. Exposure Controls/Personal Protection

Personal Protective Equipment: Safety Glasses, Gloves, Vapor Respirator
This information is provided as a guide but proper PPE can only be determined by the end user and their situation.
Engineering Controls: Provide local exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit values. Ensure that eyewash stations and safety showers are local to the work-station.

Section 9. Physical and Chemical Properties

Note: Quantative data below is
Appearence.....: clear colorless
pH.....: N/A
Vapor Pressure (mm Hg).....: 52
Volatile Percent.....: 100
Odor.....: Pleasant
Specific Gravity (@20C).....: 0.7915
Vapor Density (Air=1).....: 1.6
Water Soluable?.....: Yes

Section 10. Stability and reactivity

Special Remarks on Stability: Stable

Special Remarks on Reactivity: N/A

Water Reactive: No

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Section 11. Toxological Information

Routes of Entry: Inhalation, Skin absorbtion, Ingestion

Animal Toxicity: Ethyl Alc: Acute Oral (LD50): 7060 mg/kg (Rat); Acute Dermal(LD50): 500 mg/24hr (Rabbit); Methyl Alc: Acute Oral (LD50):562

Human Toxic Effects: Target Organs: Respiratory system, skin, eyes, CNS, liver, blood and reproductive system

Section 12. Ecological Information

Ecological Information: N/A

Section 13. Disposal Considerations

Waste Disposal: Dispose of in accordance with local,state and federal laws.

Section 14. Transport Information

DOT Identification: UN1170; Ethanol Solutions; 3; II

Section 15. Regulatory Information

State Regulations: New York release reporting list: N/A

Sara Section 311 Reporting

Component	CAS#	Acute	Chronic	Fire	Pressure	Reactive	SARA302	SARA313	CERCLA	RCRA
Ethyl Alcohol	64-17-5	No	No	No	No	No	No	Yes	Yes	No
Isopropyl Alcohol	67-63-0	No	No	No	No	No	No	Yes	No	No
Methyl Alcohol	67-56-1	No	No	No	No	No	No	Yes	Yes	No

Section 16. Other Information

Review Date: 5/29/2013
Reviewed by: tsc
MSDS Group Id: 4
Notice: This MSDS applies only to the material as packaged. If the material is altered by any means it may pose risks not mentioned here.
It is the user's responcibility to develope proper methods of handling and personal protection based on the actual conditions of use.
While this MSDS is based on reliable technical data, Poly Scientific R&D Corp. assumes no responcibility for the completeness or accuracy of the information contained herein.