

Section 1. Product and Company Identification

Item Number: s103-1
 Common Name: Acetone Alcohol 1:1 Grams Decolorizer
 Intended Use: In Vitro Diagnostic use. Laboratory Use Only
 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

Section 2. Hazard Identification

225 Flammable Liquids Cat 2
 302 Acute toxicity, oral Cat 4
 320 Serious eye damage/eye irritation Cat 2B
 336 Specific target organ toxicity, single exposure; Narcotic effects Cat 3
 370 Specific target organ toxicity, single exposure Cat 1



Danger

Highly flammable liquid and vapour. Harmful if swallowed. Causes eye irritation. May cause drowsiness or dizziness. Causes damage to eyes, blood and CNS.

Keep away from heat/sparks/open flames/hot surfaces. -No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands/skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Keep container tightly closed, locked up in well ventilated-area and cool. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Take off contaminated clothing and wash before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. If eye irritation persists: Get medical advice/attention. If exposed: Call a POISON CENTER or doctor/physician. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise covered by GHS: None

Section 3. Composition Information

Exposure Limits(A blank value indicates no information available)

Component	CAS#	PEL(mg/m ³)	STEL(mg/m ³)	CEIL(mg/m ³)	Concentration Range
Ethyl Alcohol	64-17-5		1,900.00		25-50%
Methyl Alcohol	67-56-1		260.00		0-5%
Isopropyl Alcohol	67-63-0	1,225.00	900.00		0-5%
Acetone	67-64-1		1,000.00		25-50%

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 necessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention
 The most important known symptoms and effects are described in section 2 and/or section 11.

Section 5. Fire Fighting Measures

Extinguishing Media:
 Special Fire and Explosion Remarks: Carbon Dioxide or dry ch

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special: g! Extremely flammable! Eliminate ignition sources. Pick up spill with absorbent vermiculite
 Spill Cleanup: Take up spills with absorbant material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.

Section 7. Handling and Storage

Storage and Handling Special: N/A
 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

Appearance	clear colorless	Evaporation Rate.....	N/A	Water Soluable?	Yes
Odor.....	Sharp, penetrating	Upper Flammability Limit (%):	N/A	Volatile Percent	100
Odor Threshold.....	N/A	Lower Flammability Limit (%):	N/A	Partition Coefficient.....	n-octanol/water: N/A
pH.....	N/A	Specific Gravity (@ 20C).....	0.7915	Auto Ignition Temp.	N/A
Melting Point.....	N/A	Vapor Pressure (mm Hg).....	184	Decomposition Temp.....	N/A
Boiling Point.....	N/A	Vapor Density (Air=1)	2.1	Viscosity	N/A
Flash Point (F) TCC.....	N/A	Relative Density.....	N/A		

Section 10. Stability and reactivity

Special Remarks on Stability: Stable

Special Remarks on Reactivity: N/A

Water Reactive: No

Section 11. Toxicological Information

Routes of Entry: Inhalation, Ingestion, Skin Absorption

Animal Toxicity: Ethyl Alcohol: Acute Dermal 500mg/24hr (Rabbit); Methyl Alcohol: Acute Oral (LD50) 5628 mg/kg (Rat); Isopropyl Alcohol: Acute Oral (LD50) 5045 mg/kg (Rat); Acetone: Acute Oral (LD50) 9.75 (Rat) Acute Dermal (LD50) 20mg/kg (Rabbit);

Human Toxic Effects: Target Organs: Liver, kidneys, skin, respiratory, GI tract, lungs, blood,

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

Potential Chronic Health Effects: N/A

Section 12. Ecological Information

Ecological Information:

Section 13. Disposal Considerations

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

Section 14. Transport Information

DOT Identification: UN1090; Acetone; 3, II

Section 15. Regulatory Information

State Regulations: New York release reporting list: Acetone

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	No	Yes	No
Methyl Alcohol	67-56-1	No	No	No	No	No	No	Yes	Yes	No
Isopropyl Alcohol	67-63-0	No	No	No	No	No	No	Yes	Yes	No
Acetone	67-64-1	No	No	No	No	No	No	No	Yes	No

Section 16. Other Information

Review Date: 12/17/2015

Reviewed by: ddi

MSDS Group Id: 342

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 responsibility to develop 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 responsibility for the completeness or accuracy of the information contained herein.