

Material Safety Data Sheet

Issue Date: 10/20/2006

Page 1 of 3

Section 1: Chemical Product and Company Identification

Cat#: 09860

Part Name: ALCOHOL REAGENT (100%) HISTO GRADE

Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976
Telephone #215-343-6484

Section 2: Composition/ Information on Ingredients

Item#	Name	CAS#	% in product
1	2-Propanol	000067630	5
2	Ethyl alcohol	000064175	90
3	Methanol	000067561	5

OSHA (ACGIH) Exposure Limits

CAS#	Name	IDLH	TWA		STEL		CEILING	
			ppm	mg/	ppm	mg/m3	ppm	mg/m3
CAS#: 000064175	OSHA	IDLH: --	Not classifi	--	--	--	--	
	ACGIH		1000	1884	--	--	--	
CAS#: 000067561	OSHA	IDLH: 6,000	ACGIH;CA	260	--	--	--	
	ACGIH		200	262	250	250	--	
CAS#: 000067630	OSHA	IDLH: 2,000	CANADA	980	--	--	--	
	ACGIH		400	983	500	500	--	

Section 3: Hazards Identification

Causes eye irritation.

Flammable liquid and vapor.

Harmful if swallowed.

May cause target organ or system damage - liver.

Poison. May be fatal or cause blindness if swallowed.

Hazard Ratings:

These ratings are Polysciences' Inc. own assesments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health	Flammability	Reactivity
1	3	0

Section 4: First Aid Measures

Contact medical personnel.

Flush eyes with flowing water for at least 15 minutes.

If swallowed, induce vomiting as directed by medical personnel.

Separate eyelids with finger tips.

Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Flash point, deg F.: 55

Method: TCC

UEL: no data LEL: no data

Autoignition temperature, deg. F.: no data

Flammability Classification: IB

Flame Propagation Rate: no data

Hazardous Combustion Products: none

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Absorb liquids on absorbent material.

Remove ignition sources.

Ventilate the area.

Section 7: Handling and Storage

Store at room temp

Section 8: Exposure Controls/ Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use process enclosures, local exhaust ventilation, or other engineering controls.

Section 9: Physical and Chemical Properties

Formula:	mixture	vapor pressure:	44.6 mm Hg @ 20 C
Formula Weight:	nap	vapor density:	1.6
boiling point:	173	Specific gravity:	0.7945
melting point:	-173 F	ph:	no data
solubility:	100%	appearance:	clear colorless liquid

Section 10: Stability and Reactivity

Chemical Stabilit stable
 Conditions to Avoid: none
 Incompatibility with other materials: none
 Hazardous Decomposition Products: none
 Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: no data
Subchronic data: no data

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste Code	Regulated Name
000064175	not listed	not listed
000067561	U154	Methyl alcohol
000067630	not listed	not listed

Section 14: Transportation Data

Refer to bill of lading or container label for DOT or other transportation hazard classification , if any.

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
000064175	no	no
000067561	no	no
000067630	no	no

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#	FL	MA	MN	PA	WA	
000064175	FL	MA	MN	PA	WA	
000067561	FL	MA	MN	NJ	PA	WA
000067630	FL	MA	MN	NJ	PA	WA

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS#	Regulated name	de minimis conc. %	Rep. Thres.
------	----------------	--------------------	-------------

000064175	not listed	not listed	not listed
000067561	Methanol	1.0	not listed
000067630	Isopropyl alcohol (manufacturing-strong acid process, no su	1.0	not listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS#	Regulated name	TPQ (pounds)	EHS-RQ(pounds)
000064175	not listed	not listed	not listed
000067561	not listed	not listed	not listed
000067630	not listed	not listed	not listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS#	Regulated name	RQ (pounds)
000064175	Not listed	Not listed
000067561	Not listed	Not listed
000067630	Not listed	Not listed

Section 16: Other Information

POLYSCIENCES, INC. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy.

Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. POLYSCIENCES, INC. makes no representations or warranties, either expressed or implied of merchantability, fitness for particular purposes with respect to the information set forth herein or to which the information refers. Accordingly, POLYSCIENCES, INC. will not be responsible for damages resulting from the use of or reliance upon this information.

END OF MSDS