

Material Safety Data Sheet

91-155/EEC

Issue Date:05/15/2012

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Section 1: Chemical Product and Company Identification

Cat#: 09859

Part Name: EOSIN Y 0.5% ALCOHOLIC SOLUTION

Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976 USA
Telephone #011-215-343-6484

Section 2: Composition/ Information on Ingredients

Note: Items listed with a CASRN... number have no CAS# available.

Item#	Name	CAS#	% in product
1	Acetaldehyde	0000075070	0.001
2	Acetic acid	0000064197	0.6
3	Acetic acid, ethyl ester	0000141786	0.7
4	Eosin Y	0017372871	0.6
5	Ethyl alcohol	0000064175	60
6	Methanol	0000067561	3
7	Methyl isobutyl ketone	0000108101	1
8	Water	0007732185	32

Section 3: Hazards Identification

Causes eye irritation.

Flammable liquid and vapor.

Harmful 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	4	0

Section 4: First Aid Measures

Contact medical personnel immediately.

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.: 51

Method: TCC

UEL: 19

LEL: 3.3

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.

Protect personnel from exposure.

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 latex or equivalent gloves.

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

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Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

Section 9: Physical and Chemical Properties

Formula:	no data	vapor pressure:	44.6 mm Hg
Formula Weight:	no data	vapor density:	1.6
boiling point:	173	Specific gravity:	0.86
melting point:	<-148	ph:	no data
solubility:	100%	appearance:	red colored liquid alcohol odor

Section 10: Stability and Reactivity

Chemical Stability: 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: long term exposure may result in eye; liver and kidney damage

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
0000064175	not listed	not listed
0000064197	not listed	not listed
0000067561	U154	Methanol
0000075070	U001	Ethanol
0000108101	U161	Pentanol, 4-methyl-
0000141786	U112	Ethyl acetate
0007732185	not listed	not listed
0017372871	not listed	not listed

Section 14: Transportation Data

Proper Shipping Name	ALCOHOLS, N.O.S.
Chemical Name	CONTAINS ETHANOL, METHANOL
UN	UN1987
Class	3
PG	II

Section 15: Regulatory Information

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

R10	Flammable.
R22	Harmful if swallowed.
R36	Irritating to eyes.
S0	No S Phrase applies. Use ambient temperature storage and normal chemical controls.
S7/9	Keep container tightly closed and in a well-ventilated place.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

GHS Precautionary and Hazard Statements

DANGER

WARNING

P380 Evacuate area.
P381 Eliminate all ignition sources if safe to do so.
P390 Absorb spillage to prevent material damage.
P280A Wear protective gloves
P285 In case of inadequate ventilation wear respiratory protection.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
P301D IF SWALLOWED, induce vomiting as directed by medical personnel.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305B IF IN EYES, Separate eyelids with finger tips.
P315 Get immediate medical advice/attention.
P351 Rinse cautiously with water for several minutes.



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Section 16: Other Information

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END OF MSDS