

Safety Data Sheet

Complies with EC no. 1907/2006
Issue Date: 8/20/2015

Section 1: Chemical Product and Company Identification

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Cat#: 16717E

Part Name: FORMALDEHYDE 38%

Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976 USA
MSDS Telephone #215-343-6484 Emergency only #215-378-4526

Identified uses: Laboratory use, manufacture of substances

Section 2: Hazards Identification

Hazard Overview

Causes eye burns.

Causes skin, eye and respiratory tract irritation.

Harmful if inhaled, absorbed through skin or swallowed.

Suspect cancer hazard.

GHS Classification

Carcinogen Category 2

Serious Eye Damage Category 1C

Skin Irritant Cat 2, Acute Inhalation Cat 4, Eye Irritation Cat 2B

Skin Irritant Cat 2, Acute Oral Toxicity Cat 4, Acute Inhalation Cat 4,

Danger



Hazard and Precautionary Statements

H302 + H312	Harmful if swallowed or, in contact with skin or if inhaled
H318	Causes serious eye damage.
H351	Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P280A	Wear protective gloves
P285	In case of inadequate ventilation wear respiratory protection.
P301D	IF SWALLOWED, induce vomiting as directed by medical personnel.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305	IF IN EYES:
P305B	IF IN EYES, Separate eyelids with finger tips.
P314	Get medical advice/attention if you feel unwell.
P501	Dispose of contents/container in accordance with local, regional, national and/or international regulations

NFPA Rating

Hazard Ratings:

These ratings are private assessments 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
3	2	0

Section 3: Composition/ Information on Ingredients

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

Item#	Name	EINECS	CAS#	% in product
1	Formaldehyde	200-001-8	0000050000	31 - 40
2	Water	231-791-2	0007732185	61 - 70

Section 4: First Aid Measures

Contact medical personnel if discomfort persists.

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.: 150

Method: CC

UEL: 73

LEL: 7

Autoignition temperature, deg. F.: 795

Flammability Classification: IIIA

Flame Propagation Rate: no data

Hazardous Combustion Products: formaldehyde

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.

Ventilate the area.

Section 7: Handling and Storage

Store at room temp

Section 8: Exposure Controls/ Personal Protection

OSHA (ACGIH) Exposure Limits

CAS#	IDLH	TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
0000050000	20						
OSHA		Not classifi	--	2/15 mi	NE	--	--
ACGIH		--	--	--	--	0.3 c	0.37
0007732185	NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE

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 chemical splash goggles and face shield.

Use latex or equivalent gloves.

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

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.

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)
0000050000	Formaldehyde	500	100
0007732185	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)
0000050000	Formaldehyde	100
0007732185	Not listed	Not listed

Section 16: Other Information

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END OF MSDS