

Material Safety Data Sheet

Complies with EC no. 1907/2006
Issue Date:11/15/2013

Section 1: Chemical Product and Company Identification

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Cat#: 5057

Part Name: SHURM[] 0T [] 0 * A ^ a a s Y a e ^ i ^ O e ^ a D

Supplier: TBS – A Division of General Data Healthcare
3014 Croasdaile Drive
Durham, NC 27705 U.S.A.
Phone: 919-384-9393
24 hr. Emergency Contact 1.800.255.3924

Identified uses: Laboratory use, manufacture of substances

Section 2: Hazards Identification

Hazard Overview

Low hazard for usual industrial or commercial handling.

GHS Classification

Non-Hazardous

Signal word: non-hazard

Hazard and Precautionary Statements

- H000 Low hazard for normal industrial use
- P301A IF SWALLOWED do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P305B IF IN EYES, Separate eyelids with finger tips.
- P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P351 Rinse cautiously with water for several minutes.
- P361 Remove/Take off immediately all contaminated clothing.

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
1	1	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	Glycerol	200-289-5	0000056815	31 - 40
2	Magnesium nitrate	233-826-7	0010377603	0 - 5
3	Methanol	200-659-6	0000067561	0 - 5
4	Poly(vinyl alcohol) partially hydrolyzed	Unknown	0025213245	11 - 20
5	Sodium chloride	231-598-3	0007647145	0 - 5
6	Sodium phosphate monobasic monohydrate	Unknown	0010049215	0 - 5
7	Sodium phosphate, dibasic, anhydrous	231-448-7	0007558794	0 - 5
8	Water	231-791-2	0007732185	51 - 60

Section 4: First Aid Measures

Flush eyes with flowing water for at least 15 minutes.

If breathing is difficult, contact emergency personnel.

If swallowed, wash out mouth with water if person is conscious.

Remove contaminated clothing.

Remove to fresh air.

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.: no data Method: no data
UEL: no data LEL: no data Autoignition temperature, deg. F.: no data
Flammability Classification: no data Flame Propagation Rate: no data
Hazardous Combustion Products: no data

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.
Contain spilled liquids.
No special measures are indicated.
Protect personnel from exposure.

Section 7: Handling and Storage

Store at 4 deg. C.

Section 8: Exposure Controls/ Personal Protection**OSHA (ACGIH) Exposure Limits**

		TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
CAS#: 0000056815	IDLH: --						
OSHA		Not classifi	15,5a	--	--	--	--
ACGIH		--	10b	--	--	--	--
CAS#: 0000067561	IDLH: 6,000						
OSHA		ACGIH;CA	260	--	--	--	--
ACGIH		200	262	250	250	--	--
CAS#: 0007558794	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 0007647145	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 0007732185	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 0010049215	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 0010377603	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 0025213245	IDLH: 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.

No special protection is indicated.

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.

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

CAS#

0000056815 not listed
 0000067561 not listed
 0007558794 not listed
 0007647145 not listed
 0007732185 not listed
 0010049215 not listed
 0010377603 not listed
 0025213245 not listed

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.
0000056815	not listed	not listed	not listed
0000067561	Methanol	1.0	not listed
0007558794	not listed	not listed	not listed
0007647145	not listed	not listed	not listed
0007732185	not listed	not listed	not listed
0010049215	not listed	not listed	not listed
0010377603	not listed	not listed	not listed
0025213245	not listed	not listed	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)
0000056815	not listed	not listed	not listed
0000067561	not listed	not listed	not listed
0007558794	not listed	not listed	not listed
0007647145	not listed	not listed	not listed
0007732185	not listed	not listed	not listed
0010049215	not listed	not listed	not listed
0010377603	not listed	not listed	not listed
0025213245	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)
0000056815	Not listed	Not listed
0000067561	Not listed	Not listed
0000067561	Methyl alcohol	5,000
0007558794	Not listed	Not listed
0007558794	Sodium phosphate, dibasic	5,000
0007647145	Not listed	Not listed
0007732185	Not listed	Not listed
0010049215	Not listed	Not listed
0010377603	Not listed	Not listed
0025213245	Not listed	Not listed

Section 16: Other Information

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END OF MSDS