

Safety Data Sheet

SomaLogic MB Wash Buffer 20%

SECTION 1: Identification

1.1 Product identifier

Product name	MB Bulk Wash Buffer 20% (P/N 651-00074)
---------------------	---

1.2 Supplier's details

Name	SomaLogic
Address	2945 Wilderness Place Boulder, CO 80301 USA
Email	techsupport@somalogic.com

1.3 Emergency phone number(s)

For Hazardous Materials [or Dangerous Goods], Incident Spill, Leak, Fire, Exposure, or Accident call CHEMTREC Day or Night

Within USA and Canada	1-800-424-9300 SomaLogic Account #: CCN792766
Outside USA and Canada	+1 703-527-3887 (collect calls accepted)

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

3.1 Substances

Hazardous components

1. Glycerol

Concentration	20% (Volume)
Other names / synonyms	1,2,3-PROPANETRIOL; 1,2,3-TRIHYDROXYPROPANE; 90 TECHNICAL GLYCERINE; GLYCERIN; GLYCERIN, ANHYDROUS; GLYCERIN, SYNTHETIC; Glycerin, U.S.P.; GLYCERINE; GLYCERITOL; GLYCYL ALCOHOL; SYNTHETIC GLYCERINE; TRIHYDROXYPROPANE
CAS no.	56-81-5

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Personal protective equipment for first-aid responders	No data available.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical

No data available.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No data available.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Glycerin (mist) (CAS: 56-81-5)

PEL (Inhalation): PNOR (Cal/OSHA)

OSHA Annotated Table Z-I, www.osha.gov

Glycerin (mist) (CAS: 56-81-5)

REL (Inhalation): See Appendix D (NIOSH)

OSHA Annotated Table Z-I, www.osha.gov

Glycerin (mist), Total dust (CAS: 56-81-5)

PEL (Inhalation): 15 mg/m³ (OSHA)

OSHA Annotated Table Z-I, www.osha.gov

Glycerin (mist), Total dust (CAS: 56-81-5)

PEL (Inhalation): 10 mg/m³ , PNOR (Cal/OSHA)

OSHA Annotated Table Z-I, www.osha.gov

Glycerin (mist), Respirable fraction (CAS: 56-81-5)

PEL (Inhalation): 5 mg/m³ (OSHA)

OSHA Annotated Table Z-I, www.osha.gov

Glycerin (mist), Respirable fraction (CAS: 56-81-5)

PEL (Inhalation): 5 mg/m³, PNOR (Cal/OSHA)

OSHA Annotated Table Z-I, www.osha.gov

8.2 Appropriate engineering controls

General industrial hygiene practice.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body protection	Impervious clothing, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Thermal hazards	No data available.
Environmental exposure controls	No data available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Liquid
Odor	No data available.
Odor threshold	Odorless
pH	7–8
Melting point/freezing point	–5 °C (68 °F)
Initial boiling point and boiling range	100 °C (360 °F) at 27 hPa (20 mmHg)
Flash point	No data available
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	Lower explosion limit: 0.9 %(V)
Upper/lower explosive limits	No data available.
Vapor pressure	0.0033 hPa (0.0025 mmHg) at 50 °C (122 °F)
Vapor density	3.18 – (Air = 1.0)
Relative density	1.045 g/ml
Solubility(ies)	Soluble
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal use conditions.

10.4 Conditions to avoid

None under normal use conditions.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation	No data available.
Serious eye damage/irritation	No data available.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.

Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available.
Summary of evaluation of the CMR properties	No data available.
STOT-single exposure	No data available.
STOT-repeated exposure	No data available.
Aspiration hazard	No data available.
Additional information	No data available.

SECTION 12: Ecological information

Toxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Results of PBT and vPvB assessment	No data available.

SECTION 13: Disposal considerations

Disposal of the product	Dispose in accordance with local, state and federal requirements.
Disposal of contaminated packaging	Dispose in accordance with local, state and federal requirements.
Waste treatment	Dispose in accordance with local, state and federal requirements.
Sewage disposal	Dispose in accordance with local, state and federal requirements.

SECTION 14: Transport information

DOT (US)	Not dangerous goods.
IMDG	Not dangerous goods.
IATA	Not dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

Common Name	GLYCERIN
CAS number	56-81-5

Pennsylvania Right To Know Components

Chemical Name	1,2,3-Propanetriol
CAS Number	56-81-5

HMIS Rating

Health	0
Flammability	1
Physical hazard	0
Personal protection	

NFPA Rating

Health hazard	0
Fire hazard	1
Reactivity hazard	0
Special hazard	

SECTION 16: Other information

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall SomaLogic Operating Co., Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if SomaLogic Operating Co., Inc. has been advised of the possibility of such damages.