

Safety Data Sheet

MB Block Buffer

SECTION 1: Identification

1.1 Product identifier

Product name	MB Block Buffer (P/N 651-00030)
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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 Mixtures

Hazardous components

1. Biotin

Concentration	< 2 %
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2. 1M Tris-HCL Buffer, pH 8.0 Biotin

Concentration	< 6 %
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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 the 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 labeling (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

No data available.

7.2 Conditions for safe storage, including any incompatibilities

No data available.

Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

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	No data available.
Respiratory protection	No data available.
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	No data available.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.

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	Irritating to skin.
Serious eye damage/irritation	Causes eye irritation.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Summary of evaluation of the CMR properties	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 of in accordance with Federal, State, and local requirements.
Disposal of contaminated packaging	Dispose of in accordance with Federal, State, and local requirements.
Waste treatment	Dispose of in accordance with Federal, State, and local requirements.
Sewage disposal	Dispose of in accordance with Federal, State, and local 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

No data available.

SECTION 16: Other information

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