

Safety Data Sheet

CSF Calibrator and QC1

SECTION 1: Identification

1.1 Product identifier

Product name	CSF Calibrator (P/N 650-00056, 650-00084)
	CSF QC1 (P/N 650-00057, 650-00085)

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. Human CSF

Concentration	100%
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SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Potential biohazard – Handle as if capable of transmitting infectious agents.
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 for 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Do NOT induce vomiting unless directed by physician.
Personal protective equipment for first-aid responders	No data available.

4.2 Most important symptoms/effects, acute and delayed

No data available.

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 water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

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

Contain spill and collect, as appropriate. Transfer to a chemical container for disposal in accordance with local regulations. After removal, flush contaminated area and all cleaning materials with 10% bleach aqueous solutions.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid breathing gas/mist/vapors or spray. Avoid prolonged or repeated exposure.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in accordance with information listed on the product insert.

Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Human CSF (CAS: NA)

8.2 Appropriate engineering controls

Use process enclosures, local ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

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

Eye/face protection	Safety glasses and face shields if splashing and spraying is a concern.
Skin protection	Compatible chemical-resistant gloves.
Body protection	Lab coat and other clothing to protect exposure to skin.
Respiratory protection	NIOSH approved respirator, as conditions warrant.
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.

Other safety information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable if stored in accordance with information listed on the product insert.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	The toxicological effects of this compound have not been thoroughly studied.
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	Avoid releases into the environment.
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.
Other adverse effects	No data available.

SECTION 13: Disposal considerations

Disposal of the product	Dispose in accordance with local, state and federal regulations.
Disposal of contaminated packaging	Dispose in accordance with local, state and federal regulations.
Waste treatment	No data available.
Sewage disposal	Dispose in accordance with local, state and federal regulations.
Other disposal recommendations	No data available.

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

SARA 302 Components	No.
SARA 313 Components	No.
California Prop. 65 Components	No.
CWA NPDES	No.
Toxic Substances Control Act (TSCA) Inventory	No.

SECTION 16: Other information

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