

Safety Data Sheet

Revision date: Nov-2020 Supersedes: 05-Nov-2014

Version: 06

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : StabilGuard™ Choice Microarray Stabilizer (BSA-Free)

Product form : Mixture
Product code : SG02

Other means of identification : Aqueous, protein-free solution preserved with 0.02% methylisothiazolone and 0.02%

bromonitrodioxane

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : For laboratory use

1.3. Details of the supplier of the safety data sheet

Surmodics™, Inc.
9924 West 74th Street
Eden Prairie, MN 55344 USA
Phone: (952) 500-7000
Fax: (952) 500-7001

1.4. Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300 (US and Canada) / 1-703-527-3887 (International shipments)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%
Contains no hazardous ingredients at levels requiring disclosure by		100
the OSHA Hazard Communication Standard (29 CFR 1910.1200).		

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show

the label where possible).

First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If you feel

unwell, seek medical advice.

First-aid measures after skin contact : IF ON SKIN (or clothing), remove affected clothing and wash al exposed skin with water for at least 15

minutes. If irritation persists, call a physician.

First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Obtain medical attention if

pain, blinking or redness persist.

First-aid measures after ingestion : IF SWALLOWED: Immediately give large amounts of water. Do NOT induce vomiting. Call a POISON

CENTER/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/injuries after inhalation : May cause irritation to the respiratory tract and to other mucous membranes.

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Symptoms/injuries after skin contact : May cause skin irritation.

Symptoms/injuries after eye contact : May cause slight temporary irritation. Symptoms/injuries after ingestion : May cause gastrointestinal irritation.

Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. **Extinguishing media**

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray. Sand.

Special hazards arising from the substance or mixture 5.2.

Fire hazard : The product is not flammable. **Explosion hazard** : Product is not explosive.

Reactivity : No dangerous reactions known under normal conditions of use.

Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

Do not dispose of fire-fighting water in the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear

self-contained breathing apparatus and protective suit (see item 8).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly

equipped with respiratory equipment and full chemical protective gear (see Section 8).

6.1.1. For non-emergency personnel

Protective equipment : Wear Protective equipment as described in Section 8.

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator,

in case of emergency.

6.2. **Environmental precautions**

Prevent entry to sewers and public waters. Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up 6.3.

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

: Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Methods for cleaning up

Wash spill area thoroughly with plenty of soap and water.

6.4. Reference to other sections

No additional information available

Precautions for safe handling

SECTION 7: Handling and storage

7.1. Precautions for safe handling

protection equipment (PPE). Keep away from sources of ignition - No smoking. Wash hands and other

: Do not handle until all safety precautions have been read and understood. Use appropriate personal exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep the container tightly closed. Store in a dry, cool and well-ventilated place. Avoid elevated

temperatures.

Storage temperature : Refrigerated or room temperature.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

No data available

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8.2. Exposure controls

Appropriate engineering controls : Ensure adequate ventilation, especially in confined areas.

Personal protective equipment : Gloves. Protective goggles.



Hand protection : Use gloves chemically resistant to this material when prolonged or repeated contact could occur.

Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Eye protection : Chemical goggles or safety glasses.

Skin and body protection : Wear suitable protective clothing. Wear long sleeves.

Respiratory protection : Where excessive vapour, mist, or dust may result, use NIOSH approved respiratory protection

equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Clear
Color : Colorless
Odor : None.

Odor Threshold : No data available

pH : Neutral

Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available

Boiling point : $100\,^{\circ}\text{C}$

: No data available Flash point Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) : Not Flammable Vapour pressure : No data available Relative vapour density at 20 °C : No data available Relative density : No data available Solubility Water: Complete Log Pow : No data available : No data available Log Kow Viscosity, kinematic No data available Viscosity, dynamic : No data available

Explosive properties : Product is not explosive.

Oxidising properties : Not an Oxidizer.

Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

None known.

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10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Hazardous fumes of nitrous oxides (NOx) and carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Ethyl alcohol (64-17-5)	
LD50 oral rat	7060 mg/kg
LC50 inhalation rat (mg/l)	124.7 mg/l/4h
Skin corrosion/irritation	: Not classified
	pH: Neutral

Serious eye damage/irritation pH: Neutral Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified

Specific target organ toxicity (repeated exposure) : Not classified Aspiration hazard : Not classified

Symptoms/injuries after inhalation : May cause irritation to the respiratory tract and to other mucous membranes.

: Not classified

Symptoms/injuries after skin contact : May cause skin irritation.

Symptoms/injuries after eye contact : May cause slight temporary irritation. Symptoms/injuries after ingestion : May cause gastrointestinal irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No information available.

Persistence and degradability

No information available.

12.3. **Bioaccumulative potential**

No information available. Mobility in soil No information available.

12.5. Other adverse effects

Other adverse effects : No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Obtain the consent of pollution control authorities before discharging to wastewater treatment plants. Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be

released into the environment.

SECTION 14: Transport information

In accordance with DOT

Not hazardous for transport Additional information

Other information : No supplementary information available.

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Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

StabilGuard™ Choice Microarray Stabilizer (BSA-Free)

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory

15.2. International regulations

CANADA

No additional information available

15.3. US State regulations

California Proposition 65

This product does not contain any substance(s) known to the state of California to cause cancer and/or reproductive harm

Ethyl alcohol (64-17-5)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Indication of changes : Revision 05: New SDS Created.

Revision 06: Periodic Review

Revision date : Nov-2020
Other information : Author: DRH

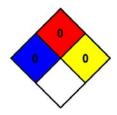
NFPA health hazard : 0 - Exposure under fire conditions would offer no hazard beyond

that of ordinary combustible materials.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and

are not reactive with water.



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