

Safety Data Sheet

Date of Issue: 6/2/21

Revision Number 3

SECTION 1-PRODUCT AND COMPANY IDENTIFICATION1.1. Product Identifier

Product Name: Sani-Check SRB

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

Recommended Use: Laboratory chemicals

Uses advised against: No information available

1.3. Details of the supplier of the safety data sheet

Manufacturer's Name: Biosan Laboratories

Address: 1950 Tobsal Court, Warren MI 48091

Telephone Number for Information: (586) 755-8970

Email address: info@biosan.com

1.4. Emergency telephone number: (586) 755-8970**SECTION 2 - HAZARD IDENTIFICATION**2.1. Classification of the substance or mixture

CLP Classification - Regulation (EC) No 1272/2008: Not hazardous

Physical hazards: Based on available data, the classification criteria are not met

Health hazards: Based on available data, the classification criteria are not met

Environmental hazards: Based on available data, the classification criteria are not met

Classification according to EU Directives 67/548/EEC or 1999/45/EC, R-phrases: none

*For the full text of the R-phrases and H-Statements mentioned in this Section, see Section 16*2.2. Label elements. Signal Word: None

Hazard Statements

Precautionary Statements

2.3. Other hazards: No information available**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures:

Component	CAS-No	EC-No.	Weight%	CLP Classification-	
				Regulation (EC) No	DSD Classification-
				1272/2008	67/548/EEC
NONHAZARDOUS	NA		100		

*For the full text of the R-phrases and H-Statements mentioned in this Section, see Section 16***SECTION 4 - FIRST AID MEASURES**4.1. Description of first aid measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

Skin Contact: Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

Ingestion: Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

Inhalation: Move to fresh air. Get medical attention immediately if symptoms occur.

Protection of First-aiders: No information available..

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

None reasonably foreseeable.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES5.1. Extinguishing media

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media which must not be used for safety reasons: No information available.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors

Hazardous Combustion Products: None under normal use conditions

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment.

6.2. Environmental precautions

Should not be released into the environment.

6.3. Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal.

6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

SECTION 7 - HANDLING AND STORAGE7.1. Precautions for safe handling

Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

Avoid ingestion and inhalation.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Use in laboratories.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION8.1. Control parameters

Exposure limits: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological limit values: This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Monitoring methods: BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust

Derived No Effect Level (DNEL): No information available.

<u>Route of Exposure</u>	<u>Acute effects (local)</u>	<u>Acute effects (systemic)</u>	<u>Chronic effects (local)</u>	<u>Chronic effects (systemic)</u>
Oral				
Dermal				
Inhalation				

Predicted No Effect Concentration (PNEC): No information available.

8.2. Exposure controls

Engineering Measures: Ensure adequate ventilation, especially in confined areas. Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimize release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source.

Personal protective equipment

Eye Protection: Safety glasses with side-shields (European standard - EN 166)

Hand Protection: Protective gloves

<u>Glove material</u>	<u>Breakthrough time</u>	<u>Glove thickness</u>	<u>EU Standard</u>	<u>Glove Comments (minimum requirements)</u>
Disposable gloves	See manufacturers recommendations		EN 374	

Inspect gloves before use. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves (refer to manufacturer/supplier for information). Ensure gloves are suitable for the task: Chemical compatibility, Dexterity, Operational conditions, User susceptibility, e.g. sensitization effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Remove gloves with care avoiding skin contamination.

Skin and body protection: Long sleeved clothing

Respiratory Protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly.

Large scale/emergency use: In case of insufficient ventilation wear suitable respiratory equipment

Small scale/Laboratory use: Use a NIOSH/MSHA or European Standard EN 149:2001 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. When RPE is used a face piece Fit Test should be conducted.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls: No information available.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES9.1. Information on basic physical and chemical properties

Appearance: Multiple Colors

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Physical State: Solid
Odor: No information available
Odor Threshold: No data available
pH: Not applicable
Melting Point/Range: No data available
Softening Point: No data available
Boiling Point/Range: Not applicable
Flash Point: Not applicable
Evaporation Rate: Not applicable
Flammability (solid,gas): No information available.
Explosion Limits: No data available
Vapor Pressure: No data available
Vapor Density: Not applicable
Specific Gravity / Density: No data available
Bulk Density: No data available
Water Solubility: No information available.
Solubility in other solvents: No information available.
Partition Coefficient (n-octanol/water)
Autoignition Temperature: Not applicable
Decomposition temperature: No data available
Viscosity: Not applicable
Explosive Properties: No information available
Oxidizing Properties: No information available

Method: No information available.
Solid

Solid

Solid

9.2. Other information

SECTION 10 - STABILITY AND REACTIVITY

10.1. Reactivity: None known, based on information available.
10.2. Chemical stability: Stable under normal conditions.
10.3. Possibility of hazardous reactions
Hazardous Polymerization: Hazardous polymerization does not occur.
Hazardous Reactions: None under normal processing..
10.4. Conditions to avoid: Incompatible products, Excess heat, Avoid dust formation
10.5. Incompatible materials: Strong oxidizing agents.
10.6. Hazardous decomposition products: None under normal use conditions

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Product Information: Product does not present an acute toxicity hazard based on known or supplied information
(a) acute toxicity;
Oral: Not Classified
Dermal: Not Classified
Inhalation: Not Classified
Toxicology data for the components
(b) skin corrosion/irritation: Not Classified
(c) serious eye damage/irritation: Not Classified
(d) respiratory or skin sensitization;
Respiratory: Not Classified
Skin: Not Classified
(e) germ cell mutagenicity: Not Classified
(f) carcinogenicity: Not Classified
There are no known carcinogenic chemicals in this product
(g) reproductive toxicity: Not Classified
(h) STOT-single exposure: Not Classified
(i) STOT-repeated exposure: Not Classified
Target Organs: None known.
(j) aspiration hazard: Not Classified
Symptoms / effects, both acute and delayed:no information available

SECTION 12 - ECOLOGICAL INFORMATION

12.1. Toxicity
Ecotoxicity effects: Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants
12.2. Persistence and degradability: Expected to be biodegradable
12.3. Bioaccumulative potential: No information available.
12.4. Mobility in soil: No information available.
12.5. Results of PBT and vPvB assessment: No data available for assessment
12.6. Other adverse effects

Endocrine Disruptor Information: This product does not contain any known or suspected endocrine disruptors

Persistent Organic Pollutant: This product does not contain any known or suspected substance

Ozone Depletion Potential: This product does not contain any known or suspected substance

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues / Unused Products: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Contaminated Packaging: Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

European Waste Catalogue (EWC): According to the European Waste Catalogue, Waste Codes are not product specific, but application specific

Other Information: Waste codes should be assigned by the user based on the application for which the product was used

SECTION 14 - TRANSPORT INFORMATION

IMDG/IMO: Not regulated

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

ADR: Not regulated

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

IATA: Not regulated

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards: No hazards identified

14.6. Special precautions for user: No special precautions required

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable, packaged goods

SECTION 15 - REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories: X = listed

National Regulations

Take note of Control of Substances Hazardous to Health Regulations (COSHH) 2002 and 2005 Amendment

Take note of Dir 94/33/EC on the protection of young people at work

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

15.2. Chemical safety assessment

Chemical Safety Assessment/Reports (CSA/CSR) are not required for mixtures

SECTION 16 - OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3: Not applicable

Full text of H-Statements referred to under sections 2 and 3: Not applicable

Legend

CAS - Chemical Abstracts Service

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Existing and Evaluated Chemical Substances

WEL - Workplace Exposure Limit

ACGIH - American Conference of Industrial Hygiene

DNEL - Derived No Effect Level

RPE - Respiratory Protective Equipment LD50 - Lethal Dose 50%

LC50 - Lethal Concentration 50%

NOEC - No Observed Effect Concentration

PBT - Persistent, Bioaccumulative, Toxic

ADR - European Agreement Concerning the International Carriage of

VOC - Volatile Organic Compounds

DSL/NDSL - Canadian Domestic Substances List/ Non-Domestic Substances List

ENCS - Japan Existing and New Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand

TWA - Time Weighted Average

IARC - International Agency for Research on Cancer

PNEC - Predicted No Effect Concentration

LD50 - Lethal Dose 50%

EC50 - Effective Concentration 50%

POW - Partition coefficient Octanol:Water

vPvB - very Persistent, very Bioaccumulative

ICAO/IATA - International Civil Aviation Organization/

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Dangerous Goods by Road
IMO/IMDG - International Maritime Organization/International Maritime
Dangerous Goods Code
OECD - Organisation for Economic Co-operation and Development
BCF - Bioconcentration factor

International Air Transport Association
MARPOL - International Convention for the Prevention
of Pollution from Ships
ATE - Acute Toxicity Estimate
TSCA - United States Toxic Substances Control Act
Section 8(b) Inventory

Key literature references and sources for data

Suppliers safety data sheet,

Chemadvisor - LOLI,

Merck index,

RTECS

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards: On basis of test data

Health Hazards: Calculation method

Environmental hazards: Calculation method

Training Advice: Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal

Protective Equipment (PPE) and hygiene.

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Revision Summary

Reason for revision: Update to Format

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer:

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet