SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifier
Product Name: Sani-Check AB

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-phrase(s): 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:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>EC-No</th>
<th>Weight%</th>
<th>CLP Classification - Regulation (EC) No 1272/2008</th>
<th>DSD Classification - 67/548/EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONHAZARDOUS</td>
<td>NA</td>
<td>100</td>
<td>100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 MEASURES

5.1. 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 STORAGE

7.1. 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 PROTECTION

8.1. 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.


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

Derived No Effect Level (DNEL): 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

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Local effects</th>
<th>Systemic effects</th>
<th>Local effects</th>
<th>Systemic effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>Acute</td>
<td>Chronic</td>
<td>Acute</td>
<td>Chronic</td>
</tr>
<tr>
<td>Dermal</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Glove material
Disposable gloves
Breakthrough time
See manufacturers recommendations

Glove thickness

EU Standard
EN 374

Glove Comments
(minimum requirements)

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 PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Multiple Colors
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 (noctanol/water)
Autoignition Temperature: Not applicable
Decomposition temperature: No data available
Viscosity: Not applicable
Explosive Properties: No information available
Oxidizing Properties: No information available

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  

Page 4 of 5
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 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

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.

Creation Date 13-May-2015
Revision Date 3-May-2018

Reason for revision: Update to Format

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

Disclaimer:
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End of Safety Data Sheet