SAFETY DATA SHEET
Revision 9
07/06/2016

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifiers
Product Name: 25(OH) Vitamin D ELISA
Catalog No: MBS580159_SDS

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses: For research use only, not for diagnostic use. For In Vitro use only, not for human or animal consumption.

1.3. Details of the supplier of the safety data sheet
Company: MyBioSource, Inc.
P.O. Box 153308
San Diego, CA 92195-3308
USA
Tel: 1.858.633.0165/ Fax: 1.858.633.0166
Email: sales@mybiosource.com

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

2.2. GHS Label elements, including precautionary statement

Pictogram

Signal Word Danger

Hazard Statement(s)
H290 May be corrosive to metals.
H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)
P234 Keep only in original container.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P285 In case of inadequate ventilation wear respiratory protection.
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

-FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES-
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.
P391 Collect spillage.
P405 Store locked up.
P406 Store in corrosive resistant stainless steel container with a resistant inner liner.
P501 Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS
3.1. Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Concentration</th>
<th>CAS #</th>
<th>EC-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProClin</td>
<td>0.05%</td>
<td>55965-84-9</td>
<td>613-167-00-5</td>
</tr>
<tr>
<td>Sulfuric Acid</td>
<td>0.028%</td>
<td>7664-93-9</td>
<td>231-639-5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
4.1. Descriptions of first aid measures

General Advice
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Rinse thoroughly with water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed.
The most important known symptoms and effects are described in the labeling (section 2.2) and/or in section 11.

4.3. Indication of any immediate medical attention and special treatment needed.
No data available

5. FIREFIGHTING MEASURES
Fire fighting media should be selected depending on the surrounding materials and equipment. Non-combustible. Ambient fire may liberate hazardous vapors. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

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.

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.
Soak up with absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

-FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES-
7. HANDLING AND STORAGE
This kit should be stored as recommended on the product label. Refer to the storage section of the package insert for further information. This kit should be handled and used by a qualified, trained profession, general good laboratory practice should be maintained. Handle calibrators and unknown samples as potentially infectious.

8. EXPOSURE CONTROLS/PERSOAL PROTECTION
8.1 Engineering Controls
Use with adequate ventilation. Ensure that eyewash stations and safety showers are close to the workstation location.

8.2 Exposure controls
Wear protective clothing and appropriate footwear as protection against splashing or contamination. Also wear approved safety goggles and protective gloves. After finishing the work or before going on break, wash hands thoroughly.

9. PHYSICAL AND CHEMICAL PROPERTIES
9.1. Information on basic physical and chemical properties
9.1.1. Appearance
Form: Liquid
9.1.2. Odor
Non Detectable
9.1.3. Boiling Point
Not Available
9.1.4. Melting Point
Not Available
9.1.5. Vapor Pressure
Not Available
9.1.6. Vapor Density
Not Available
9.1.7. Evaporation Rate
Not Available
9.1.8. pH
Neutral except for Stop Solution (pH ~0.9)

9.2. Other Safety information
No data available

10. STABILITY AND REACTIVITY
10.1. Reactivity
No data available
10.2. Chemical stability
Stable under recommended storage conditions
10.3. Conditions to avoid
Extreme temperatures
10.4. Materials to avoid
Use only clean glass and plastic suitable for laboratory use when handling the kit components. Individual ingredients are incompatible with strong oxidizing agents, metals and strong bases.

11. TOXICOLOGICAL INFORMATION
Because of the small size of the containers and the low concentrations of hazardous ingredients, the toxicological risks are minor. Toxicological experiments have not been done on the kit components.

12. ECOLOGICAL INFORMATION
No data available

13. DISPOSAL CONSIDERATIONS
Dispose of each component according to federal, state and local environment control regulations.

14. TRANSPORT INFORMATION
The goods are not regulated for transport by IATA.

15. REGULATORY INFORMATION
No kit component contains a hazardous ingredient in an amount that requires identification and labeling.

16. OTHER INFORMATION
The above information is believed to be correct but does not purport to be an all-inclusive document. MyBioSource, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Final determination of suitability and safe use of these materials is the sole responsibility of the user. Disposal of hazardous materials may be subject to federal, state or local laws or regulations.