



DIAGNOSTIC AUTOMATION, INC.

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MATERIAL SAFETY DATA SHEET

Revision 5

06/01/2015

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifiers

ProductName : Salmonella typhi IgM
CatalogNo : 6151-47

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

Identifieduses : Forresearchuseonly,notfordiagnosticuse.For In Vitro use only,not for human or animal consumption.

1.3. Details of the supplier of the safety data sheet

Company : Diagnostic Automation, Inc.
21250 Califa Street, Suite 102 and 116, Woodland Hills,
California 91367,USA

Telephone : (818) 591-3030

Fax : (818) 591-8383

1.4. Emergency telephone number

EmergencyPhoneNumber : Please contact the local hospitals

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.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H310+H310 Fatal if swallowed or in contact with skin.
- H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

- P234 Keep only in original container.
- P262 Do not get in eyes, on skin, or on clothing.
- P264 Wash skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302 + P350 IF ON SKIN: Gently wash with plenty of soap and water.
- P303 + P361 + P353 IF ON SKIN (or hair): 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.

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.

- P310 Immediately call a POISON CENTER or doctor/ physician.
- P322 Specific measures (see supplemental first aid instructions on this label).
- P330 Rinse mouth.
- P361 Remove/ Take off immediately all contaminated clothing.
- 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

Ingredient	Concentration	CAS #	EC-No.
Sodium Azide	0.05%	26628-22-8	247-852-1
Sulfuric Acid	0.028%	7664-93-9	231-639-5

4. FIRST AID MEASURES

5.

5.1. 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.

5.2. **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.

5.3. **Indication of any immediate medical attention and special treatment needed.**

No data available

6. FIREFIGHTING MEASURES

Firefighting 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.

7. ACCIDENTAL RELEASE MEASURES

7.1. **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.

7.2. **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.

7.3. **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.

8. 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.

9. EXPOSURE CONTROLS/PERSONAL 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.

10. PHYSICAL AND CHEMICAL PROPERTIES

10.1. **Information on basic physical and chemical properties**

10.1.1.	Appearance	:	Form: Liquid
10.1.2.	Odor	:	Non Detectable
10.1.3.	Boiling Point	:	Not Available
10.1.4.	Melting Point	:	Not Available
10.1.5.	Vapor Pressure	:	Not Available
10.1.6.	Vapor Density	:	Not Available
10.1.7.	Evaporation Rate	:	Not Available
10.1.8.	pH	:	Neutral except for Stop Solution (pH ~0.9)

10.2. **Other Safety information**

No data available

11. STABILITY AND REACTIVITY

11.1. **Reactivity**

No data available

11.2. **Chemical stability**

Stable under recommended storage conditions

11.3. **Conditions to avoid**

Extreme temperatures

11.4. **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.

12. **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.

13. **ECOLOGICAL INFORMATION**

No data available

14. **DISPOSAL CONSIDERATIONS**

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

15. **TRANSPORT INFORMATION**

No special transportation regulations.

16. **REGULATORY INFORMATION**

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

17. **OTHER INFORMATION**

The above information is believed to be correct but does not purport to be an all-inclusive document. Diagnostic Automation, Inc. shall not be liable or responsible in any way for use of either this information or the materials 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.

Date Adopted	2018-06-08
REF 6151-47	Salmonella typhi IgM ELISA kit



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ISO 13485-2003



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