



Safety Data Sheet acc. to ISO/DIS 11014

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215335

Date Prepared: 03/05/2013

Reviewed On: 01/10/2013

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

- Product Identifier
- Product Name: Lipase Reagent
- Catalog Number: 215335
- Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
- Application of the substance / the preparation In-vitro Diagnostics
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
BD Diagnostic Systems
7 Lovelton Circle
Sparks, MD 21152
Telephone: (410) 771 - 0100 or (800) 638 - 8663
Email Address: Technical_Services@bd.com
- Information Department: Technical Service
- Emergency telephone number:
In case of a chemical emergency, spill, fire, exposure, or accident, contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.

2 Hazards identification

- Classification of the substance or mixture
The product is not classified according to the Globally Harmonized System (GHS).
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC
This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200, the Canada's Workplace Hazardous Materials Information System (WHMIS) and the European Directive 67/548/EEC and 1999/45/EC.
- Void
- Classification system:
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- Label elements
- Labelling according to EU guidelines:
Observe the general safety regulations when handling chemicals
The product is not subject to identification regulations pertaining to regulations on hazardous materials.
- NFPA ratings (scale 0-4)
Health = 0
Flammability = 0
Reactivity = 0

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HMIS ratings (scale 0-4)

HEALTH	0	Health = 0
FIRE	0	Flammability = 0
REACTIVITY	0	Reactivity = 0

- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

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3 Composition/information on ingredients

- Chemical characterization: Substances
- CAS No. Description:
Not applicable
- Chemical characterization: Mixture
- Dangerous Components: Void

4 First aid measures

- Description of first aid measures
- General information No special measures required.
- After Inhalation Seek medical treatment in case of complaints.
- After skin contact Immediately wash with water and soap and rinse thoroughly.
- After eye contact
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing If symptoms persist consult doctor.
- Information for doctor Show this product label or this MSDS.
- Most important symptoms and effects, both acute and delayed
No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Firefighting measures

- Extinguishing media
- Suitable extinguishing agents
CO2, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture
No further relevant information available.

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Product Name: **Lipase Reagent**

- Advice for firefighters
- Protective equipment: No special measures required.

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6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Not required.
- Environmental precautions: Wipe up with damp sponge or mop.
- Methods and material for containment and cleaning up: No special measures required.
- Reference to other sections: No dangerous substances are released.

7 Handling and storage

- Handling
 - Precautions for safe handling: No special measures required.
 - Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
- Storage
 - Requirements to be met by storerooms and receptacles: 15 - 30 °C
 - Information about storage in one common storage facility: Store away from oxidizing agents.
 - Further information about storage conditions: None.
 - Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems:
 - No further data; see Section 7.
- Control parameters
 - Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
 - Personal Protective Equipment
 - General protective and hygienic measures
 - The usual precautionary measures for handling chemicals should be followed.
 - Breathing equipment:
 - In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.

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Product Name: **Lipase Reagent**

- Protection of hands:
 - Chemical resistant gloves (i.e. nitrile, or equivalent).
- Eye protection: Safety glasses
- Body protection: Protective work clothing (lab coat).

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9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
 - Form: Liquid
 - Color: According to product specification
 - Odor: Characteristic
- Change in condition
 - Melting point/Melting range: Undetermined
 - Boiling point/Boiling range: Not determined
- Flash point: Not applicable
- Danger of explosion: Product does not present an explosion hazard.
- Density: Not determined
- Solubility in / Miscibility with
 - Water: Soluble
 - Other information: No further relevant information available.

10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:
 - No decomposition if used according to specifications.
 - Possibility of hazardous reactions: No dangerous reactions known
 - Conditions to avoid: No further relevant information available.
 - Incompatible materials: No further relevant information available.
 - Hazardous decomposition products: No dangerous decomposition products known.

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11 Toxicological information

- Information on toxicological effects
 - Acute toxicity:
 - Primary irritant effect:
 - on the skin: No irritating effect.
 - on the eye: No irritating effect.
 - Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product is not subject to OSHA classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

The substance is not subject to classification.
- Carcinogenic categories
 - IARC (International Agency for Research on Cancer)

None of the ingredients is listed.
 - NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

- Toxicity
 - Aquatic toxicity: No further relevant information available.
 - Persistence and degradability: No further relevant information available.
 - Behavior in environmental systems:
 - Bioaccumulative potential: No further relevant information available.
 - Mobility in soil: No further relevant information available.
 - Ecotoxicological effects:
 - Other information:

The ecological effects have not been thoroughly investigated, but currently none have been identified.
- Additional ecological information:
 - General notes: Generally not hazardous for water.
 - Results of PBT and vPvB assessment
 - PBT: Not applicable.
 - vPvB: Not applicable.
 - Other adverse effects: No further relevant information available.

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13 Disposal considerations

- Waste treatment methods
 - Recommendation:

Smaller quantities can be disposed of with solid waste.

Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.

This product is not considered a RCRA hazardous waste.
- Uncleaned packagings:
 - Recommendation: Disposal must be made according to state and federal regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

UN-Number	DOT, ADR, ADN, IMDG, IATA	Void
UN proper shipping name	DOT, ADR, ADN, IMDG, IATA	Void
Transport hazard class(es)	DOT, ADR, ADN, IMDG, IATA	Void
Class	Packing group	Void
Environmental hazards:	DOT, ADR, IMDG, IATA	Void
Marine pollutant:	Special precautions for user	No
Special precautions for user	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	Transport/Additional information:	If a "void" appears in the Hazard Class section for the type of transportation, this indicates the product is not regulated for transportation.
UN "Model Regulation":		

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15 Regulatory information

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

• SARA Section 355 (extremely hazardous substances)

None of the ingredients is listed.

• SARA Section 313 (specific toxic chemical listings)

None of the ingredients is listed.

• TSCA (Toxic Substances Control Act)

None of the ingredients is listed.

• California Proposition 65 - Chemicals known to cause cancer

None of the ingredients is listed.

• California Proposition 65 - Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

• California Proposition 65 - Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

• California Proposition 65 - Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

• Carcinogenic categories

• TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

• Product related hazard information:

Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations pertaining to regulations on hazardous materials.

• National regulations

• Water hazard class: Generally not hazardous for water.

• Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards that exist.

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• Department issuing MSDS:

Environmental, Health & Safety

Created by Michael J. Spinazzola

• Contact: Technical Service Representative

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

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