



# Total Bile Acids Assay

## Reagents, Calibrators and Controls

### Safety Data Sheet 1003

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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

### 1.1. Product identifier

Product form	Mixture
Product name	Total Bile Acids Assay
	Reagent 1, Reagent 2, Calibrators and Controls
Product code	DZ042A
	DZ042A-R1, DZ042A-R2, DZ042A-CAL, DZ042A-CON

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

### 1.3. Details of the supplier of the safety data sheet

Supplier: Diazyme Laboratories  
12889 Gregg Court  
Poway, CA 92064  
T 858-455-4768

Authorized Representative:  
MDSS GmbH  
Schiffgraben 41  
Germany  
(+49) 511-6262-8630

### 1.4. Emergency telephone number

Emergency number Contact your local health authority or poison control center in an emergency. Manufacturer contact number for the US is as follows: (858) 455-4768

## SECTION 2 Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (GHS-US)

Not classified (for all components)

### 2.2. Label elements

#### GHS-US labeling

No labeling applicable (for all components)

### 2.3. Other hazards

No additional information available (for all components)

### 2.4. Unknown acute toxicity (GHS-US)

Not applicable (for all components)

## SECTION 3 Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Full text of H-phrases: see section 16

## SECTION 4 First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Wash skin with plenty of water.
First-aid measures after eye contact	Rinse eyes with water as a precaution.
First-aid measures after ingestion	Call a poison center/doctor/physician if you feel unwell.

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

No additional information available

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

Treat symptomatically.

### SECTION 5 Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

Reactivity The product is non-reactive under normal conditions of use, storage and transport.

#### 5.3. Advice for firefighters

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up Take up liquid spill into absorbent material.

Other information Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Store in a well-ventilated place. Keep cool.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

##### Total Bile Acids Assay, Reagents, Calibrators and Controls

ACGIH	Not applicable
OSHA	Not applicable

#### 8.2. Exposure controls

Appropriate engineering controls Ensure good ventilation of the work station.

Hand protection Protective gloves.

Eye protection Safety glasses.

Skin and body protection Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls Avoid release to the environment.

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#### SECTION 9 Physical and chemical properties

##### 9.1. Information on basic physical and chemical properties

Physical state	Liquid
Color	Mixture contains one or more component(s) which have the following colour(s): White Colourless to light yellow On exposure to air: brown
Odor	There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour(s): Odourless Mild odour Ammonia odour
Odor threshold	No data available
pH	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Explosion limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Vapor pressure	No data available
Relative density	No data available
Relative vapor density at 20 °C	No data available
Solubility	Water Solubility in water of component(s) of the mixture : • : 18 g/100ml • : • :
Log Pow	No data available
Log Kow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available

##### 9.2. Other information

No additional information available

#### SECTION 10 Stability and reactivity

##### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

##### 10.2. Chemical stability

Stable under normal conditions.

##### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

##### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

##### 10.5. Incompatible materials

No additional information available

##### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### SECTION 11 Toxicological information

##### 11.1. Information on toxicological effects

Acute toxicity	Not classified
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Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified

#### SECTION 12 Ecological information

##### 12.1. Toxicity

Ecology - general      The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

##### 12.2. Persistence and degradability

No additional information available

##### 12.3. Bioaccumulative potential

No additional information available

##### 12.4. Mobility in soil

No additional information available

##### 12.5. Other adverse effects

Effect on the global warming      No known ecological damage caused by this product.

#### SECTION 13 Disposal considerations

##### 13.1. Waste treatment methods

Waste treatment methods      Dispose of contents/container in accordance with licensed collector's sorting instructions.

#### SECTION 14 Transport information

##### Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

##### Additional information

Other information      No supplementary information available.

##### ADR

No additional information available

##### Transport by sea

No additional information available

##### Air transport

No additional information available

#### SECTION 15 Regulatory information

##### 15.1. US Federal regulations

No additional information available

##### 15.2. International regulations

###### CANADA

No additional information available

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#### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

No additional information available

#### National regulations

No additional information available

#### 15.3. US State regulations

No additional information available

## SECTION 16 Other information

SDS US Diazyme

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*