

**EU SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2015/830

**Total Bile acids R1- Material number: 01 00041**

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**1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Name of product: **Total Bile acids R1**  
as part of the kits: 01 00041 XX XX XXXX  
(The positions X code different packages.)

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

Reagent for in-vitro diagnostics in human samples  
For professional use only

**1.3 Details of the supplier of the safety data sheet**

Company name: **DiaSystem Scandinavia AB**  
Street/POB-No.: **Datorgatan 3**  
State/city/postal code: **561 33 Jönköping**  
**Sweden**  
World Wide Web: <http://www.diasystem.se>  
Email: [info@diasystem.se](mailto:info@diasystem.se)  
Telephone: **+46 (0) 36 12 62 20**  
Telefax: **+46 (0) 36 18 77 30**  
Dept. responsible for information:  
**DiaSystem, Telephone: +46 (0)36 126220**

**1.4 Emergency telephone number**

**Giftinformationscentralen, Telephone +46 112**

**2. Hazards identification****2.1 Classification of the substance or mixture****Classification according to EC regulation 1272/2008 (CLP)**

This mixture is classified as not hazardous.

**2.2 Label elements****Labelling (CLP)**

Hazard statements: **not applicable**

Precautionary statements: **not applicable**

**2.3 Other hazards**

Results of PBT and vPvB assessment: **No risks worthy of mention.**  
**No data available**

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**3. Composition/information on ingredients**

3.1 Substances: not applicable

**3.2 Mixtures**

Chemical characterisation: Aqueous solution of inorganic salts and organic compounds.

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. 611-341-5 CAS 55965-84-9	Mixture of 5-Chloro-2-methyl- 2Hisothiazolin-3-one and 2-methyl-2H- isothiazol-3-one (3:1) [EC-No. 247-500-7 + 220-239-6]	< 0.0015 %	Acute Tox. 3; H301. Acute Tox. 3; H311. Acute Tox. 3; H331. Skin Corr. 1B; H314. Skin Sens. 1; H317. Aquatic Acute 1; H400. Aquatic Chronic 1; H410

Full text of H- and EUH-statements: see section 16.

**4. First aid measures****4.1 Description of first aid measures**

In case of inhalation: Provide fresh air. If you feel unwell, seek medical advice.

Following skin contact: Change contaminated clothing. Remove residues with water. Seek medical attention if irritation persists.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After swallowing: Rinse mouth and drink large quantities of water. If you feel unwell, seek medical advice. Never give anything by mouth to an unconscious person

**4.2 Most important symptoms and effects, both acute and delayed**

May be harmful if swallowed, in contact with skin or if inhaled. Irritating to eyes and skin. Irritation of the mucous membrane. Irritating to respiratory system.

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Firefighting measures****5.1 Extinguishing media**

Suitable extinguishing media: Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

**5.2 Special hazards arising from the substance or mixture**

Fires in the immediate vicinity may cause the development of dangerous vapours.

**5.3 Advice for firefighters**

Special protective equipment for firefighters:

In case of surrounding fires: Wear self-contained breathing apparatus.

Additional information:

Hazchem-Code: -

Do not allow fire water to penetrate into surface or ground water.

**6. Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes. Wear appropriate protective equipment. In enclosed areas: Provide fresh air.

**6.2 Environmental precautions**

Do not allow to penetrate into soil, waterbodies or drains.

**6.3 Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal. Never return spills in original containers for re-use.

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**6.4 Reference to other sections**

Refer additionally to section 8 and 13.

**7. Handling and storage****7.1 Precautions for safe handling**

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe vapours. Avoid contact with skin and eyes. Take off contaminated clothing and wash it before reuse. Wear appropriate protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Have eye wash bottle or eye rinse ready at work place.

**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storerooms and containers:

Keep containers tightly closed and at a temperature between 2 °C and 8 °C. Do not freeze. Protect from light. Keep sterile.

**7.3 Specific end use(s)**

No information available.

**8. Exposure controls / Personal protection equipment****8.1 Control parameters**

Additional information: Contains no substances with occupational exposure limit values

**8.2 Exposure controls**

Provide adequate ventilation, and local exhaust as needed.

**Personal protection equipment****Occupational exposure controls**

Respiratory protection: If vapours form, use respiratory protection. Use filter type A (= against vapours of organic substances) according to EN 14387.

Hand protection: Protective gloves according to EN 374. Glove material: Nitrile rubber-Breakthrough time: &gt;480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Lab coat

General protection and hygiene measures:

Change contaminated clothing. Wash hands before breaks and after work

**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance: Physical state at 20 °C and 101.3 kPa: liquid

Colour: clear, yellowish

Odour: neutral

Odour threshold: No data available

pH value: at 25 °C: 3.90

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flash point/flash point range: not combustible

Evaporation rate: No data available

Flammability: No data available

Explosion limits: No data available

Vapour pressure: No data available

Vapour density: No data available

Density: at 20 °C: 1.0186 g/mL

Water solubility: completely miscible

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity, kinematic: No data available

Explosive properties: No data available

Oxidizing characteristics: No data available

**9.2 Other information**

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Additional information: No data available

**10. Stability and reactivity****10.1 Reactivity**

Refer to subsection "Possibility of hazardous reactions".

**10.2 Chemical stability**

Product is stable under normal storage conditions.

**10.3 Possibility of hazardous reactions**

No dangerous reactions are known.

**10.4 Conditions to avoid**

Protect against heat /sun rays.

**10.5 Incompatible materials**

Acids and alkalis

**10.6 Hazardous decomposition products**

No decomposition when used properly.

Thermal decomposition:

No data available

**11. Toxicological information****11.1 Information on toxicological effects**

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Lack of data.  
Acute toxicity (dermal): Lack of data.  
Acute toxicity (inhalative): Lack of data.  
Skin corrosion/irritation: Lack of data.  
Serious eye damage/irritation: Lack of data.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Based on available data, the classification criteria are not met. Contains Mixture of 5-Chloro-2-methyl-2H-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [EC-No. 247-500-7 + 220-239-6]. May produce an allergic reaction.  
Germ cell mutagenicity/Genotoxicity: Lack of data.  
Carcinogenicity: Lack of data.  
Reproductive toxicity: Lack of data.  
Effects on or via lactation: Lack of data.  
Specific target organ toxicity (single exposure): Lack of data.  
May cause irritations. Irritation of the mucous membrane.  
Specific target organ toxicity (repeated exposure): Lack of data.  
Aspiration hazard: Lack of data.

**12. Ecological information****12.1 Toxicity**

Further details: No data available

**12.2. Persistence and degradability**

Further details: No data available

**12.3 Bioaccumulative potential**

Partition coefficient: n-octanol/water:

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

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**12.6 Other adverse effects**

General information: Do not allow to enter into ground-water, surface water or drains.

**13. Disposal considerations****13.1 Waste treatment methods****Product**

Waste key number 16 05 06\* = Laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals. \*

= Evidence for disposal must be provided.

Recommendation: Special waste. Waste disposal according to official state regulations.

**Contaminated packaging**

Waste key number 15 01 02 = Plastic packaging.

Recommendation: Dispose of waste according to applicable legislation.

Non-contaminated packages may be recycled.

**14.1 Transport information****14.1 UN number**

ADR/RID, IMDG, IATA-DGR: not applicable

**14.2 UN proper shipping name**

ADR/RID, IMDG, IATA-DGR: Not restricted

**14.3 Transport hazard class(es)**

ADR/RID, IMDG, IATA-DGR: not applicable

**14.4 Packing group**

ADR/RID, IMDG, IATA-DGR: not applicable

**14.5 Environmental hazards**

Marine pollutant: no

**14.6 Special precautions for user**

No dangerous good in sense of these transport regulations.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available

**15. Other information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations - Great Britain**

Hazchem-Code: No data available

**15.2 Chemical Safety Assessment**

For this substance a chemical safety assessment is not required.

**16. Other information****Further information**

Wording of the H-phrases under paragraph 2 and 3:

H301 = Toxic if swallowed.

H311 = Toxic in contact with skin.

H314 = Causes severe skin burns and eye damage.

H317 = May cause an allergic skin reaction.

H331 = Toxic if inhaled.

H400 = Very toxic to aquatic life.

H410 = Very toxic to aquatic life with long lasting effects.

EUH208 = Contains Mixture of 5-Chloro-2-methyl-2H-isothiazolin-3-one and

2-methyl-2H-isothiazol-3-one (3:1) [EC-No. 247-500-7 + 220-239-6]. May produce an allergic reaction

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Date of first version: 2020-02-01

### Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations). The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.