

Material Safety Data Sheet

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Commercial Product Name and ID-No.: mi-real-time Probe Master

mi-real-time Probe Master (mi-E2005S / mi-E2005L)

mi-real-time Probe Master with ROX (mi-E2006S / mi-E2006L)

mi-real-time Probe Master with UNG (mi-E2007S / mi-E2007L)

mi-real-time Probe Master with ROX/UNG (mi-E2008S / mi-E2008L)

Intended use: liquid
Company: metabion international AG
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Centre for detoxification:

2. CHEMICAL CHARACTERISATION / INFORMATION ON CONSTITUENTS

Chemical characterization

The product contains no substances which at their given concentration, are considered to be hazardous to health.

3. HAZARDS IDENTIFICATION

Emergency overview:

Colorless liquid. May cause eye or skin irritation upon prolonged contact: will not burn. Use extinguishing media appropriate to surrounding fire conditions

Routes of entry: skin, eyes

Symptoms of exposure inhalation: breathing mists may cause irritation to respiratory tract

Eye contact: not expected to be an irritant under normal use conditions, may cause irritation upon prolonged contact

Skin contact: not expected to be an irritant under normal use conditions, may cause irritation upon prolonged contact

Ingestion: may upset the gastro-intestinal tract

4. FIRST AID MEASURES

If swallowed, wash out mouth with water provided person is conscious Call a physician.

If inhaled, remove to fresh air. If not breathing give artificial respiration. If Breathing is difficult, give oxygen.

In case of contact, immediately wash skin with soap and copious amounts of water.

In case of contact, immediately flush eyes with copious amounts of water for at Least 15 minutes.

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5. FIRE-FIGHTING MEASURES

Extinguishing media:

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special fire fighting procedures:

Wear self-contained breathing apparatus and protective clothing to prevent Contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves

Absorb on sand or vermiculite and place in closed containers for disposal

Ventilate area and wash spill site after material pickup is complete

7. HANDLING AND STORAGE

Handling: wear appropriate protective equipment. Use good laboratory practices.

Wash thoroughly after handling. Keep container closed.

Storage: store at -20°C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Mechanical exhaust required.

Safety shower and eye bath.

Wash thoroughly after handling.

Do not breathe vapor.

Avoid contact with eyes, skin and clothing.

Avoid prolonged or repeated exposure.

NIOSH/MSHA-approved respirator.

Compatible chemical-resistant gloves.

Chemical safety goggles.

Keep tightly closed.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Form: liquid

Color: colorless

10. STABILITY AND REACTIVITY

Stability: stable

Hazardous combustion or decomposition products

Nature of decomposition products: will not occur

Hazardous polymerization: will not occur

11. TOXICOLOGICAL INFORMATION

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Acute toxicity
Skin irritation: not hazardous in case of skin contact
Eye irritation: not hazardous in case of eye contact
Sensitization: non-sensitizer for skin.

12. ECOLOGICAL INFORMATION

No information available on product

13. DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material
Dissolve or mix the material with a combustible solvent and burn in a chemical
Incinerator equipped with an afterburner and scrubber
Observe all federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

Not regulated on dot (United States), ADR/RID (Europe), and (Europe), Road Law (Japan), TDG (Canada), IATA-DGR, IMDG

15. REGULATORY INFORMATION

SARA: section 313 (specific toxic chemical listings): none of the ingredients is listed.

TSCA (toxic substances control act): proposition 65

Chemicals known to cause cancer: none of the ingredients is listed.

Chemicals known to cause reproductive toxicity: none of the ingredients is listed.

Carcinogenicity categories

EPA (environmental protection agency): none of the ingredients is listed.

IARC (international agency for research on cancer): none of the ingredients is Listed.

NTP (national toxicology program): none of the ingredients is listed.

TLV (threshold limit value established by Accih): none of the ingredients is listed.

MAK (German maximum workplace concentration): none of the ingredients is listed.

NIOSH-CA (national institute for occupational safety and health): none of the Ingredients is listed.

OSHA-CA (occupational safety & health administration): none of the ingredients is Listed.

Product related hazard information:

The product has been classified and marked in accordance with directives on hazardous materials.

Hazard symbols: -

Risk phrases: -

Safety phrases: -

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16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Jena bioscience shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of Sale.