

# SAFETY DATA SHEET

HCS-2012 APPENDIX D TO §1910.1200

Version 3.0.0  
Product Name PCR-Cooler IsoPack\*

Issue Date 03-May-2016  
Revision date 03-May-2016

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name PCR-Cooler IsoPack\*

### Other means of identification

\*IsoPack available as Set IsoTherm-System Starter Set  
IsoPack and IsoRack Set  
IsoSafe and IsoPack

### Recommended use of the chemical and restrictions on use

Recommended Use Cooling agent  
Uses advised against No information available.

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

Supplier Eppendorf AG  
Address Barkhausenweg 1  
D-22339 Hamburg  
Postal Code D-22339  
Phone +49 40 53801-0  
E-mail sdb\_info@umco.de

Importer Eppendorf North America, Inc.  
Address 102 Motor Parkway  
Postal Code Hauppauge, NY 11788-5178, USA  
Phone +1 800 645 3050  
FAX +1 516 334 7506  
E-mail info@eppendorf.com

### Emergency telephone number

For medical advice (in German and English):  
+49 (0)551 192 40 (Giftinformationszentrum Nord)

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Not classified

### Label elements

Symbols/Pictograms None  
Signal word None  
Hazard Statements Not applicable  
Precautionary Statements  
Prevention Not applicable  
Response Not applicable  
Storage Not applicable  
Disposal Not applicable

### Hazards not otherwise classified (HNOC)

No information available.

### Unknown acute toxicity

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical nature

Mixture

This material is not considered hazardous by definition of OSHA Hazard Communication Standard (29 CFR1910.1200).

### 4. FIRST AID MEASURES

#### Description of first aid measures

General advice	In case of accident or unwellness, seek medical advice immediately. Remove contaminated clothing and shoes.
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin Contact	Wash off immediately with soap and plenty of water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.
Ingestion	Seek immediate medical attention/advice. Never give anything by mouth to an unconscious person. If swallowed, call a poison control center or physician immediately.

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

No information available.

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

Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	No information available.

#### Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

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

Evacuate personnel to safe areas. Remove all sources of ignition. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Use personal protection recommended in Section 8.

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

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. When

using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Remove contaminated clothing and shoes. Wash thoroughly after handling.

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

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep/store only in original container.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **Control parameters**

No information available.

#### **Appropriate engineering controls**

Use with local exhaust ventilation.

#### **Individual protection measures, such as personal protective equipment**

Respiratory protection	No special technical protective measures are necessary.
Hand Protection	No special technical protective measures are necessary.
Eye/face protection	No special technical protective measures are necessary.
Skin and body protection	No special technical protective measures are necessary.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

#### **Information on basic physical and chemical properties**

Appearance	Liquid
Color	Colorless
Odor	Odorless
Odor Threshold	Not determined
pH	appr. 7
Melting point/freezing point	Not determined
Boiling point / boiling range	appr. 100 °C(1013 mbar)
Flash point	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Flammability Limit in Air	Not determined
Vapor Pressure	Not determined
Vapor density	Not determined
Density	appr. 1 g/cm <sup>3</sup> (20 °C)
Solubility in water	Soluble
Partition coefficient (LogPow)	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive properties	Not determined
Oxidizing properties	Not determined

#### **Other information**

No information available

## **10. STABILITY AND REACTIVITY**

#### **Reactivity**

No known effects under normal use conditions.

#### **Chemical stability**

Stable under normal conditions.

#### **Possibility of Hazardous Reactions**

No information available.

**Conditions to avoid**

None known.

**Incompatible materials**

None, if handled according to order

**Hazardous Decomposition Products**

None under normal use conditions

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

Inhalation	No known effect based on information supplied.
Eye contact	No known effect based on information supplied.
Skin Contact	No known effect based on information supplied.
Ingestion	No known effect based on information supplied.

**Information on toxicological effects**

**Acute toxicity**

No information available.

**Skin corrosion/irritation**

No information available.

**Serious eye damage/eye irritation**

No information available.

**Sensitization**

No information available.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

No information available.

**Reproductive toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No information available.

**Persistence and degradability**

No information available.

**Bioaccumulative potential**

No information available.

**Mobility in soil**

No information available.

**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

Disposal of wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Dispose of in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

**DOT**

<b>UN/ID No.</b>	Not regulated
<b>UN Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing Group</b>	Not regulated
<b>Special precautions</b>	No information available
<b>Marine pollutant</b>	Not applicable

**15. REGULATORY INFORMATION**

**International Inventories**

Not applicable

**US Federal Regulations**

**SARA 313**  
Not applicable

**SARA 311/312 Hazard Categories**  
Not applicable

**CWA (Clean Water Act)**  
Not applicable

**CERCLA**  
Not applicable

**US State Regulations**

**California Proposition 65**  
This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**  
This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION**

**Revision Note**

Issue Date	03-May-2016
Revision date	03-May-2016

Revision Note Not applicable

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**TWA** - TWA (time-weighted average)

**STEL** - STEL (Short Term Exposure Limit)

**Ceiling** - Maximum limit value

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**Disclaimer**

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