

1.) Identification of the substance/preparation and company

Product details

Trade name

EndoTrap HD

EndoTrap HD 10

Cat. No. 800034

EndoTrap HD 50

Cat. No. 800035

EndoTrap HD 250

Cat. No. 800036

EndoTrap HD bulk (> 1 litres)

Cat. No. 800037

Use

For biomanufacturing & research use only.

Identification of the manufacturer / supplier

Address

Hyglos GmbH

Am Neuland 3

82347 Bernried

Tel. +49(0)8158 9060 0

Fax. +49(0)8158 9060 210

Information provided by / telephone

+49(0)8158 9060 0

Emergency telephone number

+49(0)8158 9060 0 p(8.00 am - 5.00 pm)

Centre of Detoxification: Mainz +49-6131-232466 or -232467 / Munich +49-89-19240

2.) Composition / information on ingredients

Chemical characterization

Aqueous suspension; chromatography resin for endotoxin removal.

Hazardous ingredients

ProClin™ 150: ProClin preservatives are highly effective biocides for controlling microorganisms in reagents and products intended for in vitro diagnostic use. At concentrations as low as 0.02%, these preservatives eradicate bacteria, fungi, and yeast for extended periods of time. ProClin offers excellent compatibility and stability with most enzyme systems, as well as low toxicity. ProClin preservatives are an excellent choice for replacing thimerosal, sodium azide, and gentamicin preservatives.

3.) Hazards identification

Particular information pertaining specific risk for human / environment

The physical, chemical and toxicological properties of these components have not been fully investigated. It is recommended that all laboratory personnel follow standard laboratory safety procedures when handling this product. Safety procedures should include wearing safety glasses, gloves, and protective clothing. Direct physical contact with all components in this product should be avoided.

4.) First aid measures

After inhalation

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

After skin contact

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

After eye contact

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

After ingestion

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

5.) Firefighting measures**Extinguishing media:**

No restriction

Thermal decomposition:

Dangerous decomposition is not anticipated.

6.) Accidental release measures**Personal precautions**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

Environmental precautions

Do not discharge into the drains / surface waters / groundwater.

Methods for cleaning up / taking up

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Send in suitable containers for recovery or disposal.

7.) Handling and storage**Handling****Advice on safe handling**

Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage**Storage conditions**

Keep tightly closed. Storage regarding package insert.

8.) Exposure controls / personal protection**Engineering Controls**

Safety shower and eye bath.

General Hygiene Measures

Wash thoroughly after handling.

Personal protective equipment**Respiratory protection**

No personal respiratory protective equipment normally needed.

Hand protection

In case of intensive contact wear protective gloves (EN 374).

Eye protection

Safety glasses (EN 166).

9.) Physical and chemical properties

Colour	White
pH	5-10
Melting point	-6 °C / 21 °F
Boiling point	78 °C / 172 °F

10.) Stability and reactivity

Hazardous reactions:

None under normal use. However, avoid contact with ignition sources (like sparks, open flame, heated surfaces).

Hazardous Decomposition products

Thermal decomposition may yield the following:

- monomer vapours

Incompatibility:

- Avoid contact with: acids, oxidizing agents, acid chlorides, acid anhydrides, alkali metals, organic peroxides

11.) Toxicological information

Intoxication has so far not become known.

Product specific toxicological data are not available.

Immunomodulatory / cytotoxicity data are available for:

- Immunomodulatory properties in cultures of murine splenocytes
(Under the reported conditions EndoTrap antigens revealed no detectable pyrogenic and mitogenic properties to activate the innate immune system)
- Tests for cytotoxicity in vitro-methods DIN ISO 10993-5
(Under the reported conditions EndoTrap antigens revealed no detectable cytotoxic effects in cultures of murine L929 fibroblasts and splenic cells)

12.) Ecological information

General information / ecology

Do not discharge into the drains or waters and do not store on public depositories. There are no data available on the preparation itself. For components which are dangerous for the environment see section 2.

13.) Disposal considerations

Waste disposal route:

Used reagent can be disposed of in the waste water in accordance with local regulations.

Disposal of empty packaging

Dispose of empty packs via local recycling or waste disposal routes – if necessary, clean them beforehand.

14.) Transport information

RID/ADR

Non-hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for sea transport.

15.) Regulatory information

European Labelling in Accordance with EC Directives Hazard Symbols:

This product has not to be labelled in accordance with EEC directive 67/548 and 99/45

16.) Other information

Warranty

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Profos be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Profos has been advised of the possibility of such damages. Copyright 2008 Profos AG.

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