

09.06.2005

Kit ingredients

Product: Determine Chase Buffer

Product code: 7D22-11

Substance number	Description	Count	Symbols
7D22A	Determine Chase Buffer	1	-

Material Safety Data Sheet

According to 91/155/EC

Printing date 09.06.2005

Reviewed on 14.11.2004

1 Identification of substance:

- **Trade name:** Determine Chase Buffer
- **Article number:** 7D22A
- **Application of the substance / the preparation** For In Vitro Diagnostic Use
- **Supplier:**
Abbott GmbH & Co.KG
Max-Planck-Ring 2
65205 Wiesbaden
Germany
Tel: (++49)-6122-58-0
- **Informing department:** Environmental Affairs and Product Safety

2 Composition/Data on components:

- **Chemical characterization**
- **Dangerous components according to EC-criteria:** Void
- **Additional information** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- **Hazard designation:** Void
- **Information pertaining to particular dangers for man and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system**
The classification is in line with current EC (European Community)-directives. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures

- **General information:** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact:** Rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** In case of persistent symptoms consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures:

- **Person-related safety precautions:** See point 8.
- **Measures for environmental protection:** Dilute with much water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and containers:**
Refer to the package insert or product label for additional information on storage conditions.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from heat and direct sunlight.

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8 Exposure controls and personal protection

· **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures should be adhered to general rules for handling chemicals.

· **Breathing equipment:**

Not necessary, if room is well-ventilated.

Take precautions, if chemical concentrations exceed the exposure limits (if any) listed above.

· **Protection of hands:**

The gloves serve to protect the user against splashes. For safety reasons they should be changed immediately after wetting.

Since the product is in fact a preparation out of several substances, no specific information can be given on the permeation breakthrough time. The choice of suitable gloves depends not only on the material, but also on other quality features and must, therefore, be checked with the respective manufacturer. As far as we know, disposable gloves, among other things out of nitriles, are suitable. Nevertheless, this recommendation is not intended to replace a suitability test, which is essential and must be carried out under the respective conditions of use.

· **Eye protection:** Safety glasses recommended during refilling.

9 Physical and chemical properties:

· **General Information**

Form:	Fluid
Colour:	Colourless
Odour:	Odourless

· **Change in condition**

Melting point/Melting range: Not determined

Boiling point/Boiling range: 100°C

· **Flash point:** Not applicable

· **Self-inflammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive.

· **Vapour pressure at 20°C:** 23 hPa

· **Density at 20°C:** 1 g/cm³

· **Solubility in / Miscibility with**

Water: Fully miscible

· **pH-value at 20°C:** 7,4

· **Solvent content:**

Water: 98,4 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Dangerous reactions** No dangerous reactions known.

· **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:** No data available for this product.

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritant effect.

· **Sensitization:** No sensitizing effect known.

· **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

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When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **General notes:** Generally not hazardous for water.

13 Disposal considerations

- **Product:**
- **General notes:**
In general laboratory waste is under the special supervision of the authorities. Refer to applicable local regulations.
- **European waste catalogue:**
Please consult the responsible regulatory body for the assignment of disposal codes according to European Waste Catalogue.
- **Following waste disposal key number are possible:**
180107: chemicals other than those mentioned in 18 01 06
- **Uncleaned packagings:** There are no uniform EC-regulations for the disposal of packaging as waste.
- **Recommendation:** Non contaminated packagings can be used for recycling.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVS/E Class:** -
- **Remarks:** not restricted
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **Remarks:** not restricted

* 15 Regulatory information

- **Designation according to EC guidelines:**
Observe the normal safety regulations when handling chemicals.
The product is not subject to identification regulations under EC Directives.

* 16 Other information:

- These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- **Contact supplier:**
Environmental Affairs & Product Safety; Germany
Tel.: (++49)-6122-58-0
- *** Data compared to the previous version altered.**