

## Material Safety Data Sheet

According to 1907/2006EC, Article 31

### 1. Identification of substance:

**Product Name:** *DIA-EZ-CLEANER-D*  
**Cat. No.:** *h31104, h31114*  
**Application of the substance / the preparation:** *Laboratory reagent For In Vitro Diagnostic Use*

**Manufacturer/Supplier:** *Diagon Ltd.*  
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*H-1047 Budapest* *Fax: +36-1-3696301*  
*Hungary* *[www.diagon.com](http://www.diagon.com)*


**Informing service:** *Diagon customer service* *[helpdesk@diagon.com](mailto:helpdesk@diagon.com)*  
**Emergency information:** *Health Toxicological Information Service (HTIS)*  
*during office hours* *Tel.: +36-1-4766464*

### 2. Hazards identification

**Hazard designation:** *N. A.*  
**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 conform to current EC-directives*

### 3. Composition/Data on components:

**Chemical characterization:**  
**CAS No.:** *7732-18-5 water*  
**EINECS Number:** *231-791-2*  
**Dangerous components according to EC-criteria:**

CAS: 9014-01-1	Proteolytic enzyme	 Xn; R:37/38-41-42	<0,5%
EINECS:232-752-2			

### 4. First aid measures

**General information:** *No special measures required.*  
**Inhalation:** *Supply fresh air; consult doctor in case of symptoms.*  
**Skin contact:** *Wash skin with water.*  
**Eye contact:** *Immediately rinse opened eye for several minutes under running water. In case of persistent symptoms consult doctor.*  
**Ingestion:** *Rinse out mouth and throat with water. In case of persistent symptoms consult doctor.*

## Material Safety Data Sheet

According to 1907/2006EC, Article 31

### 5. Fire fighting measures

**Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water jet.  
**Protective equipment:** No special measures required.  
**Specific risks:** Non determined  
**Additional recommendations:** None

### 6. Accidental release measures:

**Person-related safety precautions:** Wear a lab coat, protective gloves and safety goggles.  
**Measures for environmental protection:** Do not allow product to reach sewage system or water bodies.  
**Measures for cleaning/collecting:** Absorb with liquid-binding material (diatomite, acid binders, universal binders).  
**Additional information:** No dangerous materials are released.

### 7. Handling and storage

**Handling**  
**Safe handling:** No special measures required.  
**Protection against explosions and fires:** No special measures required.  
**Storage**  
**Storerooms and containers:** No special requirements.  
**Storage in one common storage facility:** Not required.  
**Further storage conditions:** Protect from direct sunlight, store at 15-35 °C

### 8. Exposure controls and personal protection

**Components with limit values at the workplace:** Not required.  
**Additional information:** The lists that were valid during the compilation were used as basis.  
**General protective and hygienic measures:** The usual precautionary measures should be adhered to general rules for handling chemicals.  
**Personal protective equipment:**  
**Breathing equipment:** Not necessary, if room is well-ventilated.  
**Hand protection:** Protective gloves  
**Eye protection:** Safety glasses recommended during refilling.  
**Skin protection:** Lab coat.  
**Hygiene measures:** Wash hands before and after use.

## Material Safety Data Sheet

According to 1907/2006EC, Article 31

### 9. Physical and chemical properties

#### General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Detergent
<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	Not determined
<b>Flash point:</b>	Not applicable
<b>Self-inflammability:</b>	Product is not self igniting
<b>Danger of explosion:</b>	Product is not explosive.
<b>Vapour pressure at 20°C:</b>	23 hPa
<b>Density at 20°C</b>	1.01 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with Water:</b>	Fully miscible
<b>pH-value at 20°C:</b>	~8
<b>Viscosity:</b>	1 mPas (dynamic at 20°C)

### 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:** Not determined

**Primary irritant effect:**

**Skin:** No irritant effect

**Eye:** Slightly irritant

**Sensitization:** No sensitizing effect known

**Additional toxicological information:**

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.

The material is not subject to classification according to EC lists in the last version.

### 12. Ecological information

**Mobility:** Not determined.

**Degradability:** Biodegradability >90%

**Bioaccumulative potential:** Not determined.

**Ecotoxicology:** Not determined.

**Other hazardous effects:** Not determined

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### 13. Disposal considerations

**Product:**

**Recommendation:** The product must be disposed of as a laboratory chemical according to local regulations. Do not allow product to reach ground water or sewage system.

**Contaminated packaging:**

**Recommendation:** Incineration. There are no uniform EC-regulations for the disposal of packaging as waste.

### 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

**Symbols:** None

**R phrases:** None

**S phrases:** None

**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:

Diagon LTD provides the information in this data sheet in good faith, declaring it is up-to-date at time of revision. However this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.