

Trade name: KleeYa® Maintenance Cartridge

Version: 2.0

Latest revision: 31.07.2025

Previous issue: 20.05.2022

1 / 7

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: **KleeYa® Maintenance Cartridge**

1.1 Product type / recommended uses:

The KleeYa® Maintenance Cartridge is used in line with the “End of Day” Maintenance Task on the bead-based chemiluminescence platform KleeYa®. The KleeYa® Maintenance Cartridge contains a cleaning solution dedicated to flush the inner surfaces, getting in contact with liquid waste, within the KleeYa® Instrument.

1.2 Manufacturer / Supplier identification:

Diatron MI Plc H-1097 Budapest, Táblás u. 39

Phone: +36 1 2794 400

Responsible for SDS:

Diatron MI Plc H-1097 Budapest, Táblás u. 39.

Phone: +36 1 2794 400 E-mail: support@diatron.com

1.3 Emergency telephone number

Emergency phone number: +36 1 2794 400

Health Toxicological Information Service (ETTSZ H-1096 Budapest, Nagyváradi tér 2.)

Phone: +36 1 4766464 or +36 80 201199 or

Health Toxicological Information Service in the country of user

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 (CLP/GHS):

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP/GHS Regulation.

Pictogram Not assigned.

Signal word Not assigned.

Hazard Statements (H-phrases):

Not assigned.

Precautionary Statements (P-phrases):

Not assigned.

Supplemental Hazard Information:

Not assigned.

2.3 Other hazards

Not assigned.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENT

No components need to be disclosed according to the applicable regulations.

3.1 Substances

The product is a mixture, not a substance.

3.2 Mixtures

Ingredients / hazardous components according to Regulation (EC) No 1272/2008 and (EU) No 2020/878

Name	EINECS number	CAS number	Hazard symbol	EU Risk phrase	CLP/GHS Classification	Conc. %(m/m)
No components need to be disclosed according to the applicable regulations.						

Trade name: KleeYa® Maintenance Cartridge

Version: 2.0

Latest revision: 31.07.2025

Previous issue: 20.05.2022

2 / 7

Not assigned.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If breathing is irregular or not breathing, give artificial respiration or oxygen by trained personnel. Consult a physician.

In case of skin contact

Wash affected skin off with soap and plenty of water, remove soiled clothing immediately. Consult a physician.

In case of eye contact

Check and remove contact lenses. Immediately flush eyes with running water extensively for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: FIREFIGHTING MEASURES

Non-flammable class

5.1 Extinguishing media

Coordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the mixture

The product is not combustible.

5.3 Advice for firefighters

Protective clothing, SCBA, Keep adjacent containers cool by spraying with water; If possible, the product needs to be removed from danger. If possible, the extinguishing water should not be discharged into the drain.

5.4 Other information

No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment as needed. Avoid breathing vapors, mist. Ensure adequate ventilation. If special clothing is required to deal with the spillage, follow the information in section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Store in suitable, closed containers for disposal.

6.4 Reference to other sections

For information on safe handling see section 7, for information on personal protective equipment see section 8. For disposal information see section 13.

Trade name: KleeYa® Maintenance Cartridge

Version: 2.0

Latest revision: 31.07.2025

Previous issue: 20.05.2022

3 / 7

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Keep general measures applied for normal operations with chemicals and for working in laboratory.

Avoid contact with skin and eyes, wash hands after use.

Information about protection against explosions and fires

No special requirements.

Technical measures

Not determined.

Advice on general occupation and hygiene

Avoiding spills or keeping away from drains. See section 6.

7.2 Conditions for safe storage, including any incompatibilities**Requirements to be met by storerooms and containers**

The general regulations for storing chemicals must be observed. Store in the original, labeled, closed container within the temperature range indicated on the label.

Storage conditions

No special requirements. Store in the original closed container

Incompatible materials

Not determined.

Packaging materials

Not determined.

7.3 Specific end use(s)

See section 1.2, and product sheet. No other special use.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control parameters (5/2020. (II. 6.) ITM decree)**

Occupational exposure limits:

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

General industrial health good practice should be followed.

Ensure washing facilities (warm water) after working hours and before breaks. Wash thoroughly hands after using the product.

Personal protective equipment

Not required.

Eye/face protection

Not required.

Skin protection

Protective clothing, general (lab. coat)

Hand protection

Not required.

Respiratory protection

Not required for intended use.

Thermal hazard

No data available.

8.3 Environmental exposure control

Avoid product release to live waters public sewers or the soil.

Trade name: KleeYa® Maintenance Cartridge

Version: 2.0

Latest revision: 31.07.2025

Previous issue: 20.05.2022

4 / 7

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Physical state: liquid
Colour: colourless, transparent
Odour: odourless

Change in physical state:

Melting point: -1°C
Boiling point: 101°C

9.2 Others

Upper/lower Flammability or explosive limits:

Lower: Not explosive.
Upper: Not explosive.

Explosive properties: Not explosive.

Flash point (COC): Not applicable.

Ignition temperature: Not applicable.

Autoignition: Not applicable.

Decomposition temperature: Not determined.

pH: 7.8

Oxidizing properties: Not oxidizing.

Evaporation rate: Not determined.

Vapour pressure at 20°C: Not determined.

Density at 20°C: Not determined.

Solubility in water: miscible

Organic solvents: 0%

Partition coefficient: Not determined.

Viscosity:

Dynamic: Not determined.
Kinematics: Not determined.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: This material is not reactive under normal ambient conditions.

Chemical stability: No decomposition under normal conditions if handled and stored properly.

Possibility of hazardous reactions: Not known.

Conditions to avoid: High temperature, sunlight.

Incompatible materials: Not known. No dangerous reaction.

Hazardous decomposition products: Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity No data available.

Skin corrosion/ Skin irritation Non-irritant (based on components).

Serious eye damage/eye irritation Does not cause eye irritation (based on components).

Respiratory or skin sensitization Non-sensitizing (based on components).

Germ cell mutagenicity No data available.

Carcinogenicity IARC: The product does not contain 0.1% or more of an ingredient that is possible or identified as a confirmed human carcinogen according to IARC.

Trade name: KleeYa® Maintenance Cartridge

Version: 2.0	Latest revision: 31.07.2025	Previous issue: 20.05.2022	5 / 7
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Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	No data available.
Specific target organ toxicity - repeated exposure	No data available.
Aspiration hazard	No data available.
Information on likely routes of exposure	
Inhalation	No data available.
Ingestion	No data available.
Skin	Not irritating (based on components).
Eyes	Not irritating (based on components).
Sensitization	Not sensitising (based on components).

Symptoms related to the physical, chemical and toxicological characteristics

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Mixture versus substance information

No information is available on the interaction between the substances in the mixture.

Information on other hazards

RTECS: No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The ingredient in the product is not a PBT or vPvB substance.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

The product does not contain substances that deplete the ozone layer.

SECTION 13: DISPOSAL CONSIDERATION

13.1 Product disposal

Waste identification number: EWC code: 16 10 02

aqueous liquid wastes other than those mentioned in 16 10 01

Notes: classification of product waste is also dependent on the conditions of application. Disposal must be in compliance with national and local regulations.

Smaller quantities can be disposed with household waste.

13.2 Packaging disposal

Containers with product residue should also be treated according to EU directives and national regulations.

Proposal to neutralize packaging: recycling.

Trade name: KleeYa® Maintenance Cartridge

Version: 2.0

Latest revision: 31.07.2025

Previous issue: 20.05.2022

6 / 7

13.3 Wastewater

Quality of wastewater due to normal use emitted to natural water must comply with governmental regulations.

SECTION 14: TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: Not assigned.

IMDG: Not assigned.

IATA: Not assigned.

14.2 UN proper shipping name

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.3 Transport hazard class(es)

ADR/RID: Not assigned.

IMDG: Not assigned.

IATA: Not assigned.

14.4 Packaging group

ADR/RID: Not assigned.

IMDG: Not assigned.

IATA: Not assigned.

14.5 Environmental hazards

ADR/RID: Not assigned.

IMDG: Marine pollutant: no

IATA: Not assigned.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation No. 1907/2006/EC, No. 1272/2008/EC (CLP/GHS) and No. 2020/878 (EC).

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

The product is not subject to REACH restrictions.

15.2 Chemical Safety Assessment

No data available.

15.3 Danger symbol(s) and indication(s)

Not required.

15.4 Hazardous components

Mandatory statements on label:

H-phrases:

Not assigned.

P-phrases:

Not assigned.

15.5 Seveso category

Not classified.

15.6 Storage category

Trade name: KleeYa® Maintenance CartridgeVersion: 2.0 Latest revision: 31.07.2025 Previous issue: 20.05.2022 **7 / 7**

Storage category 12: not flammable liquids.

SECTION 16: OTHER INFORMATION**Recommended applications / restrictions:**

See product sheets.

Full text of H-Statements referred to under sections 2 and 3.:

Not assigned.

Information given is based on our best knowledge and is intended to describe the product for the purposes of safety of transporting and handling only. It should not be therefore construed as guaranteeing any specific property of the product. It is the responsibility of the user to observe all current regulations and consider recommendations on the use of application of product.

Latest revision:			
Section	Subject of change	Date	Version
1-16	First version according to the 1907/2006/EC and 1272/2008/EC (CLP/GHS) and amending Annex II to 1907/2006/EK.	20.05.2022	1.0
1-16	Removal of product code Minor corrections	31.07.2025	2.0