



Material Safety Data Sheet

According to 2001/58/EC

Diatro•Hypoclean

Hypochlorite Cleaning Agent

Code: D701

01.03.2007

1. Product and company identification

1.1 Identification of the product

Product name: Diatro•Hypoclean

Product code: D701

1.2 Use of the product

Alkaline hypochlorite containing for intensive oxidative cleaning of hematology analyzers' capillaries, tubing and chambers, removing blood component precipitates and lipoprotein deposits.

1.3 Company identification

Diatron MI Plc.
Papirgyar st. 58-59.
H-1038 Budapest,
Hungary
Tel: +36 14369800
Fax: +36 14369809
www.diatron.com

1.4 Emergency phone number

Diatron MI Plc., Tel: +36 14369800
Contact the nearest first-aid station.

2. Composition/information on ingredients

2.1 Composition/Data on components:

Name	Concentration	Symbol	Risk
Sodium hypochlorite, solution	< 9.0 %	Xi	C; R31-34, R50
Detergents*	< 1.0 %		R22, R36/38, S24/25, S36/37

* The specific chemical names are considered proprietary information.

2.2 Dangerous preparation according to 67/548/EEC - 99/45/EEC (Yes/No): No

3. Hazards identification

Most important hazards:

Xi, Irritant

Information pertaining to particular dangers for man and environment:

R36/38, Irritating to eyes and skin



Material Safety Data Sheet

According to 2001/58/EC

Diatro•Hypoclean

Hypochlorite Cleaning Agent

Code: D701

01.03.2007

4. First aid measures

After inhalation:

Supply fresh air; consult doctor in case of symptoms.

After skin contact:

Instantly wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing:

Rinse out mouth and then drink plenty of water. In case of persistent symptoms consult doctor.

5. Fire fighting measures:

Non flammable.

Suitable extinguishing agents:

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Protective equipment:

Wear self-contained breathing apparatus.

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:

Soak up the product with an absorbent product (sand, diatomite, universal binder, sawdust).

Additional information:

No dangerous materials are released.



Material Safety Data Sheet

According to 2001/58/EC

Diatro•Hypoclean

Hypochlorite Cleaning Agent

Code: D701

01.03.2007

7. Handling and storage

7.1 Handling

Information for safe handling:

No special precautions necessary if used correctly.

Information about protection against explosions and fires:

No special requirements.

7.2 Storage

Requirements to be met by storerooms and containers:

No special requirements.

Information about storage in one common storage facility:

Store away from reducing agents.

Storage conditions:

Store at 18-30°C. Protect from direct sunlight.

Incompatible materials:

Keep away from acids and reducing agents.

Further information about storage conditions:

Keep container tightly sealed.

8. Exposure controls and personal protection

Technical measures:

Use general room ventilation. Respect standard safety procedures for chemical product use. Safety goggles are recommended for decanting.

Hygiene measures:

Wash hands before and after use.

Respiratory protection:

Not required.

Eye protection:

Safety glasses recommended during refilling.

Body protection:

Protective work clothing.

Hand protection:

Protective gloves.

Skin protection:

Lab coat.



Material Safety Data Sheet

According to 2001/58/EC

Diatro•Hypoclean

Hypochlorite Cleaning Agent

Code: D701

01.03.2007

9. Physical and chemical properties:

Physical state: Liquid

Colour: Colourless

Odour: Chlorine-like

Explosive properties: The product does not explode.

pH: 12

Vapour pressure at 20°C: 23 hPa

Density at 20°C: 1.01 g/cm³

Melting point: -5° C

Boiling point: 102° C

Solubility: Miscible with water.

Organic solvents: 0 %

Flashing point: Not determined.

Partition coefficient: Not determined.

Flammability (solid, gas): The product does not ignite spontaneously.

10. Stability and reactivity

Dangerous reactions:

No dangerous reactions known.

Dangerous products of decomposition:

No dangerous decomposition products known.

Conditions to avoid:

None determined.

Materials to avoid:

Contact with acids and reducing agents should be avoided.



Material Safety Data Sheet

According to 2001/58/EC

Diatro•Hypoclean

Hypochlorite Cleaning Agent

Code: D701

01.03.2007

11. Toxicological information

Acute toxicity:

Primary irritant effect:

on the skin: redness

on the eye: redness

Sensitization:

No sensitizing effect known.

Additional toxicological information:

Irritant

12. Ecological information

General notes:

Slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13. Disposal considerations

Product:

Smaller quantities can be disposed with household garbage. Do not allow product to reach sewage system.

Surplus or waste (residues):

Incineration.

Contaminated packaging:

Empty in compliance with legal prescriptions. Water, possibility of adding cleaning products.



Material Safety Data Sheet

According to 2001/58/EC

Diatro•Hypoclean

Hypochlorite Cleaning Agent

Code: D701

01.03.2007

14. Transport information (International regulations)

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic):

ADR/RID-GGVS/E Class: not regulated

Maritime transport IMDG/GGVSea:

IMDG/GGVSea Class: Not regulated.

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: Not regulated.

15. Regulatory information

Symbols: None

R phrases: R31-34, R50

S phrases: S24/25, S36/37

Designation according to EC guidelines:

Observe the normal safety regulations when handling chemicals

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStofV).

16. Other information

These data are based on our present knowledge of the product, at the date shown, and is correct to the best of our knowledge. Furthermore, the user's attention is drawn to the dangers of using this product for anything other than its intended use. The user must accept the sole responsibility and take precautions accordingly for the use of this product.

Contact: Diatron MI Plc., Budapest, Hungary; Tel.: +36 14369800; www.diatron.com

Printing date 01.03.2007

version 2.0; Reviewed on 01.03.2007