

MATERIAL SAFETY DATA SHEET

Revision No: 1.4
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1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAMES
MagSi-DNA clean^{FTX}

SUPPLIER



PRODUCT USE
Laboratory chemical. For R&D use only.

2. COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	EC No.	WEIGHT%	Hazard
amorphous silica beads with dense iron oxide core. Optimized for nucleic acid purification.	-	-	0.5-1.5	-
Water	7732-18-5	231-791-2	98-99	-

3. Hazard Identification

Special indication of hazard
No special indications

4. First Aid Measures

Skin contact:
Wash off immediately with plenty of water. Remove contaminated clothing.

Eye contact
Flush thoroughly with plenty of water, also under the eyelids

Inhalation
Move to fresh air

Ingestion
Wash out mouth with water provided person is conscious.

5. Fire Fighting Measures

Extinguishing media
Dry chemical powder

Special risks
No special risks

Special protective equipment for firefighters
Wear self-contained breathing apparatus and protective suit

6. Accidental Release Measures

Personal precaution procedures
Use personal protective equipment

Methods for cleaning
Soak up with inert absorbent material and rinse with water

7. Handling and Storage

Handling
No special handling advice required

Storage
Keep well closed in properly labeled container at 2-8°C

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8. Exposure Controls / Personal Protection

Engineering measures

-

Personal protective equipment

Hand protection: gloves

Eye protection: Safety goggles

Skin and Body protection: Lightweight protective clothing

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Exposure Limits

INGREDIENT NAME	EU OEL (TWA)	EU EOL (STEL)	EU Skin Notation	Austria OEL (MAK)	Belgium (TWA)	Denmark (TWA)	UK OEL (STEL)
amorphous silica beads with dense iron oxide core. Optimized for nucleic acid purification.	-	-	-	-	-	-	-
Water	-	-	-	-	-	-	-

9. Physical and Chemical Properties

Appearance/ physical state: Brown suspension of solid beads in liquid

Density: -

Solubility: Miscible in water

pH value: 6.5 – 7.5

10. Stability and Reactivity

Stability

Stability: Stable

Conditions of instability: extreme acid or basic environment

Hazardous decomposition products

No information available

Hazardous polymerization

Does not occur

11. Toxicological Information

Route / Signs and symptoms of exposure

Eyes: May cause eye irritation

Skin: No information available

Inhalation: No information available

Swallowed: No information available

Acute toxicity

INGREDIENT NAME	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
amorphous silica beads with dense iron oxide core. Optimized for nucleic acid purification.	-	-	-
Water	-	-	-

Target organ information

No information available

Chronic exposure

No information available

12. Ecological Information

Ecotoxicological effects

No information available

Biodegradation

Biodegradable

Bioaccumulation

No information available

13. Disposal Considerations

Dispose of in accordance with local regulations

14. Transport Information

RID/ADR

Non-hazardous for road transport

IMDG

Non-hazardous for sea transport

IATA

Non-hazardous for air transport

15. Regulatory Information

R-phrases

No information available

S-phrases

No information available

16. Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information developed by MagnaMedics Diagnostics BV relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process.

It is user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. For R&D use only. Not for drug, household or other uses.