

# Safety Data Sheet

## SDS acc. Hazard Communication Standard

REF: 740786.50

MN Bead Tubes Type A (50)

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Printing Date: 27.02.2020

Date of Issue: 04.04.2019

### Section 1: Identification

#### 1.1 Product Identifier / Product Name

REF	740786.50
Product Name	MN Bead Tubes Type A (50)
-	50 x 1 NucleoSpin® Bead Tubes (ceramic beads)

#### 1.2 Relevant identified Uses of the Substance or Mixture and Uses advised against

**Relevant identified uses**  
Product for Analytical Use.  
The Exposure scenario is integrated into sections 1-16.

**Uses advised against**  
not described

#### 1.3 Details of the Supplier and of the Safety Data Sheet

**Manufactured by:**  
MACHEREY-NAGEL GmbH & Co. KG  
Neumann-Neander-Str. 6-8, 52355 Dueren, GERMANY  
Tel.: +49 2421 969 0

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#### 1.4 Emergency Telephone Number

Information not necessary.

You find our current versions of SDS (22 languages) in Internet: <http://www.mn-net.com/SDS>

### Section 2: Hazard(s) Identification

#### 2.1 Classification of the Substance(s) or Mixture(s)

**1 NucleoSpin® Bead Tubes (ceramic beads)**

Do not need labelling as hazardous

Signal Word -

No Hazard Class

#### 2.2 Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

##### 1 NucleoSpin® Bead Tubes (ceramic beads)

Do not need labelling as hazardous  
Signal Word: -

#### 2.3 Other Hazards

##### Possible Hazards from physicochemical Properties

According to our current status of knowledge and experience we state, that this product does not contain any substances, which - in accordance with GHS directives and EC regulations 1272/2008/EC, 1907/2006/EC for Hazardous goods - have to be declared as dangerous goods, either because of their applied concentration or because of their total amount in anyone kit. An individual package has considerably less hazardous potential. ---

##### Information pertaining to particular Risks to Human and possible Symptoms

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##### Information pertaining to particular Risks to the Environment

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##### Other Hazards

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### Section 3: Composition/Information on Ingredients

#### 3.1 Substances or 3.2 Mixtures

##### 1 NucleoSpin® Bead Tubes (ceramic beads)

Chemical: *Ceramic particles*

CAS No.: -

Classification: No criteria for classification or naming of chemical is not required.

TSCA Inventory: not applicable

Weight Percent: 95 - &lt;100 %

acc. GHS: The criteria for classification are not fulfilled.

#### 3.3 Remarks

When not listed, mixtures are added with water [CAS No. 7732-18-5] to 100%.

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### Section 4: First-Aid Measures

#### 4.1 Description of First-Aid Measures

Place insured person out of danger zone to fresh air immediately.

##### 4.1.1 After SKIN Contact

Not necessary.

##### 4.1.2 After EYE Contact

##### 4.1.3 After INHALATION of Vapors

Not necessary.

##### 4.1.4 After ORAL Intake

Not necessary.

#### 4.2 Most important Symptoms and Effects, both acute and delayed

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#### 4.3 Indication of any immediate Medical Attention and Special Treatment needed

No additionally recommendations. ---

### Section 5: Fire-Fighting Measures

#### 5.1 Extinguishable Media

Fire extinguishers appropriate to the fire classification, and, if applicable, a fire blanket must be available in a prominent location in the work area. All extinguishers like WATER FOG, WATER SPRAY, alcohol-resistant FOAM, DRY CHEMICAL, CARBON DIOXIDE can be used.

#### 5.2 Special Hazards arising from the Substance or Mixture

None.

#### 5.3 Advice for Firefighters

No, for listed product. Product package burns like paper or plastic.

#### 5.4 Additional Information

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### Section 6: Accidental Release Measures

#### 6.1 Personal Precautions, Protective Equipment and Emergency Procedure

Not necessary.

#### 6.2 Environmental Precautions

not necessary

#### 6.3 Methods and Material for Containment and Cleaning up

Clean working area with water. Flush used water into sewer.

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### 6.4 Reference to other Sections

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## Section 7: Handling and Storage

### 7.1 Precautions for Safe Handling

### 7.2 Conditions for Safe Storage, including any Incompatibilities

The original product package of MACHEREY-NAGEL allows a safe storage.

Storage class (VCI): 12

Water hazard class (DE):

#### 7.2.1 Conditions for Safe Storage, including any Incompatibilities

Keep original product packages tightly closed during handling and storage.

### 7.3 Specific End Use(s)

Product for analytical use.

## Section 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters

**1 NucleoSpin® Bead Tubes (ceramic beads)**

Chemical: *Ceramic particles*

CAS No.: -

### 8.2 Exposure Controls

Not necessary.

#### 8.2.1 Respiratory Protection

Not necessary.

#### 8.2.2 Hand Protection

Not necessary.

#### 8.2.3 Eye/Face Protection

Not necessary.

#### 8.2.4 Skin Protection

Not necessary.

#### 8.2.5 Hygiene Measures

Information not necessary.

## Section 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

**1 NucleoSpin® Bead Tubes (ceramic beads)**

a)	Appearance: solid	Color: white	b) Odor: odorless
c)	Odor Threshold:	data not available	
d)	pH:	data not available	
e)	Melting Point:	data not available	
f)	Boiling Point:	data not available	
g)	Flash Point:	data not available	
h)	Evaporation Rate <sub>(ether=1)</sub> :	data not available	
i)	Flammability (solid, gas):	data not available	
j)	Explosive Limits:	data not available	
k)	Vapor Pressure (68°F):	data not available	
l)	Vapor Density <sub>(air=1)</sub> :	data not available	
m)	Specific Gravity:	data not available	
n)	Soluble in Water:	data not available	
o)	Partition Coefficient (o-w):	data not available	
p)	Autoignition Temperature:	data not available	
q)	Decomposition temperature:	data not available	
r)	Viscosity:	data not available	
s)	Explosive properties:	data not available	
t)	Oxidizing properties:	---	
	Particle size:	0.6-0.8 mm	

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### 9.2 Other Information

Relevant Properties of Substance Group

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## Section 10: Stability and Reactivity

### 10.1 Reactivity

None

### 10.2 Chemical Stability

No known instability.

### 10.3 Possibility of Hazardous Reactions

None.

### 10.4 Conditions to avoid

Not known. ---

### 10.5 Incompatible Materials

Not necessary. ---

### 10.6 Hazardous Decomposition Products

In the original package all parts/all reagents are safety and separated stored. Decompositions are not observed during the expiration period under recommended conditions.

## Section 11: Toxicological Information

### 11.1 Information on Toxicological Effects

Following information is valid for pure chemicals.

#### 1 NucleoSpin® Bead Tubes (ceramic beads)

Chemical: *Ceramic particles*  
 TSCA Inventory: not applicable

CAS No.: -

## Section 12: Ecological Information

### 12.1 Toxicity

Following information is valid for pure chemicals.

#### 1 NucleoSpin® Bead Tubes (ceramic beads)

Chemical: *Ceramic particles*

CAS No.: -

### 12.2 Persistence and Degradability

not necessary

### 12.3 Bioaccumulative Potential

not necessary

### 12.4 Mobility in Soil

not necessary

### 12.5 Results of PBT and vPvB Assessment

no data available

### 12.6 Other Adverse Effects

no additional data available

## Section 13: Disposal Considerations

Not necessary.

### 13.1 Waste Treatment Methods

GENERAL: Empty solids into municipal waste, empty liquids diluted into drains.

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### Section 14: Transport Information

14.1. -14.4. Not necessary

#### 14.5 Environmental Hazards

none

#### 14.6 Special Precautions for User

not necessary

#### 14.7 Transport in Bulk according to Annex II of MARPOL and the IBC Code

not applicable

### Section 15: Regulatory Information

#### 15.1 Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

##### U.S. Federal Regulations

OSHA "A Guide to The Globally Harmonized System of Classification and Labelling of Chemicals (GHS)"

<https://www.osha.gov/dsg/hazcom/ghs.html>

29 CFR 1910.1200 Hazard communication.

#### 15.2 Chemical Safety Assessment

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### Section 16: Other Information

#### 16.1 List of Hazard and Precaution Phrases

##### 16.1.1 List of relevant H Phrases

##### 16.1.2 List of relevant P Phrases

#### 16.2 Training Advice

Regular safety training.

#### 16.3 Recommended Restriction on Use

None

#### 16.4 Further Information

MACHEREY-NAGEL GmbH & Co. KG provides the information contained herein in good faith being up-to-date of own realizations at revision time. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose.

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#### 16.5 Sources of Key Data

GHS: EU Regulation 1272/2008/EC on Classification, Labelling and Packaging of Substances and Mixtures, amending and repealing EU Directives 67/548/EEC and 1999/45/EC, and amending EU Regulation 1907/2006/EC

SDS: EU Regulation 453/2010/EU REACH - Requirements for the Compilation of Safety Data Sheets

KÜHN, BIRETT (German), Data Sheets of Hazardous Substances

##### Revisions/Updates

Reason for Revision: 2016-03 Adaptation of European Regulation 1221/2015/EU

You find our current Versions of SDS in Internet:

<http://www.mn-net.com/SDS> [U.S. English]