



DECKMA
HAMBURG

Safety Data Sheet
according to Regulation (EC) No. 1907/2006
Calibration Check Fluid 18515
Version. 1 – 0 / EU
Issue: 17.11.2023

SECTION 1: Product Identification / Company Identification

Product Name: Deckma Hamburg Calibration Check Kit
Contents: Polymer particles suspended in water. The particles contain polymers consisting of polystyrene or poly-(styrene-co-divinylbenzene)
Company Name: Deckma Hamburg GmbH
Address: Kieler Straße 316 22525 Hamburg, Germany
Phone Number: +49 (0) 40 54 88 76-0
Fax Number: +49 (0) 40 54 88 76-10
Email: post@deckma.com

SECTION 2: Hazard Identification

Caution: May cause lung irritation if inhaled.

If used as typically applied the product is not regarded as hazardous to health. The product is not classified as flammable or harmful to the environment. It may cause skin, eye, digestive track and respiratory track irritation. Toxicological properties have not been fully investigated. The product is not classified as dangerous in accordance with Directive 1907/2006 (REACH) or 1272/2008 (CLP).

SECTION 3: Composition / Information on Ingredients

	CAS No	Formula	Percentage	EINECS/ELINCS
Solid polymer beads made of polystyrene in aqueous suspension	9003-53-6	(C ₈ H ₈) _x	0.01 - 4	N/A
Solid polymer beads made of poly(styrene-divinylbenzene) in aqueous suspension	9003-70-7	(C ₁₀ H ₁₀) _x	0.01 - 1	N/A
Water	7732-18-5	H ₂ O	95 - 99.99	231-791-2
dispersant/surfactant	Proprietary	Proprietary	<0.1	N/A
preservative	Proprietary	Proprietary	<0.05	N/A
dyes	Proprietary	Proprietary	<0.01	N/A
Note: This MSDS addresses potential worker health and safety issues associated with the handling of the final product (i.e., during its transportation, distribution, and use).				

SECTION 4: First Aid Measures

Eye: Wash thoroughly with water for at least 10 minutes. If an irritation develops, seek medical advice.
Skin: Wash thoroughly with soap and rinse with water. If an irritation develops, seek medical advice.
Inhalation: Remove to fresh air and seek medical advice.
Ingestion: Give two glasses of water and seek medical advice.

SECTION 5: Fire Protection

Flammability: None.
Explosivity: None.
NFPA/HMIS Rating (estimated): Health: 1;
Flammability: 0;
Instability: 0
Fire Fighting Instructions: Use extinguishing media appropriate for surrounding fire (water, foam, vaporizing liquid or multipurpose dry chemical).

SECTION 6: Accidental Spill and Release Measures

Areas covered with spilled product may be slippery. If product is spilled or released, keep away other people from this area. Collect material by wiping the spilled product with a paper towel or disposable wipe and discard it into an appropriate container suitable for proper disposal. Avoid inhaling fine particle dust.

SECTION 7: Handling and Storage

Keep bottles tightly sealed to prevent contamination. Store at room temperature (8°C-15°C) in a dry area. Avoid damaging or puncturing containers. When creating aerosols of fine particles, use weak directional airflow (away from the user).



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SECTION 8: Exposure Control / Personal Protection

Occupational Exposure Limits

Chemical Name:	Polystyrene or Poly-(Styrene-co-divinylbenzene), water
Exposure Guidelines:	The product does not contain any hazardous material with occupational exposure limits.
Eye protection:	Safety glasses with side shields are suggested.
Skin protection:	Powder-free latex or vinyl gloves are suggested to avoid skin exposure.
Respiratory protection:	Respiratory protection program that meets OSHA's 29CFR1910.134 and ANSI Z88.2 requirements or European Standard EN 149.
Engineering controls:	Use weak directional airflow (away from the user).
General Hygiene Considerations:	Wear appropriate protective cloths to avoid skin exposure.

SECTION 9: Physical / Chemical Properties

Boiling point:	100 °C (as water)
Solubility in water:	Particles are insoluble
Melting point:	0 °C (as water)
Percent volatile:	Negligible
Physical State:	Aqueous suspension
Vapor pressure:	Negligible
Appearance, color:	Fluorescent yellow
pH:	5 - 8
Flash Point:	N/A
Flammability:	N/A
Auto Ignition Temp.:	N/A
Decomposition:	N/A
Flash Point:	N/A
Particle/Suspension Density:	1,0 - 1.05 g/cm ³

SECTION 10: Stability and Reactivity

Hazardous decomposition products:	Not known
Incompatibility:	Not known
Hazardous polymerizations:	Will not take place
Stability:	Stable at room temperature under normal handling and storage conditions

SECTION 11: Toxicological Information

Carcinogenicity:	Material is not listed by NTP, ACGIH, IARC or OSHA as carcinogen. Please also refer to SECT. 2
Reproductive and Developmental Toxicity:	Material is not considered to be a reproductive or developmental toxicant

SECTION 12: Ecological Information

Ecotoxicity:	Not considered as dangerous for the environment LC/EC/IC50 > 100 mg/L
Persistence/Degradation:	No information found
(Bio)accumulation:	No information found
Mobility in Environmental Media:	Particles are insoluble in water
Other Adverse Effects:	No information found

SECTION 13: Disposal

All wastes containing the product should be specially contained, properly labelled, and stored separately from other facility waste discharges. Dispose of any waste residues according to prescribed federal, state, and local guide-lines (e.g., to an appropriately permitted chemical waste incinerator). None of the components are on RCRA P&RCRA U Series Wastes list. EWC waste code 180105 discard as chemicals and medicines. According to the European Waste Catalogue, Waste Codes are **not** product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transportation Information

Hazardous Class:	Not classified per ADN, ADR, IATA, ICAO, IMDG/IMO, OTIF, RID, TDG, UNECE, U.S. DOT
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SECTION 15: Regulatory Information



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OSHA PEL					ACGIH TLV				OSHA PEL		ACGIH TLV			
Ceiling	TWA	STEL	Final	Vacated	Ceiling	TWA	STEL	OEL	WEEL	OEL	OEL	WEEL	OEL	IDLH
Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

US State: CAS #9003-53-6 - Texas
California: Prop 65, Title 8 CCR, Title 22 CCR, ATHS, Occupational Exposure Limits, Ozone Depleting Compounds, Precursor Chemicals, SCAQMD, California No Significant Risk Level - No information found
None of the chemicals are on Prop 65 lists
CAS #9003-70-7
WHMIS: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR). The MSDS contains all the information required by the CPR
Date of issue: Mainz, March 23rd of 2018

Abbreviations

ACGIH: American Conference of Governmental Industrial Hygienists
EU: European Union
NIOSH: National Institute of Occupational Safety and Health
DOT: Department of Transportation
IARC: International Agency for Research on Cancer
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
ATA: Intern. Air Transp. Association

The above information is based on data available to us and is believed to be correct. Since the information may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of its use and all persons receiving it must make their own determination of the effects, properties and protections which pertain to their particular conditions. No representation, warranty, or guarantee, express or implied (including a warranty of fitness or merchantability for a particular purpose), is made with respect to the materials, the accuracy of information, the results to be obtained from the use thereof, or the hazards connected with the use of the material. Caution should be used in the handling and use of the material.