Safety Data Sheet

According to Regulation (EC) No 1907/2006

Version	2.0 / EN
Revision date	2026-06-30
Valid after	2026-07-01

1. Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Trade name:	*abberior* DNA-PAINT 580, MASSIVE anti-GFP MINFLUX Kit (article number: PAINT580-0060-1KIT)
REACH No:	This product is a mixture.

1.2 Relevant identified uses and uses advised against

Fluorescent dye for physical/chemical research purposes, spectroscopy, and optical microscopy in biological and biomedical applications.

This product is sold for research and development purposes only and *must not* be used for any human or animal therapeutic, clinical diagnostic or other medical purpose. It is not intended for food, drug, household, agricultural, or cosmetic use.

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer / Distributor

Abberior GmbH

Street / PO Box

Hans-Adolf-Krebs-Weg 6

Country Code / Postal Code / City

DE – 37077 Göttingen, Germany

Contact for Technical Inquiries

info@abberior.com

Phone / Fax

+49 551 9995 4011 / +49 551 9995 4098

1.4 Emergency Telephone Numbers

Emergency Phone #:	**0800 181 7059** (CHEMTREC Germany) **+49 (0)696 43508409** (CHEMTREC worldwide)

2. Composition/Information on Ingredients

MASSIVE anti-GFP MINFLUX Kit

Single-domain Antibody: FluoTagQ® anti-GFP (clone: 1H1) with imager docking site
Imager with Dye: *abberior* DNA-PAINT 580
Abberior Antibody incubation, washing and imaging buffer

This product does not contain hazardous chemicals at concentrations of 1% or greater.
This product is not known to contain carcinogens at concentrations of 0.1 % or greater.

3. Hazard Information

Physical Hazards:	Not determined
Carcinogen Status:	Not determined
Skin Contact:	Not determined
Eye Contact:	Not determined
Recommendation:	Not determined

4. First Aid Measures

Potentially harmful. Avoid prolonged or repeated exposure. Wash thoroughly after handling. If eye or skin contact has occurred, wash affected area with water for 15 minutes and seek medical advice. If inhaled, move individual to fresh air and seek medical advice. If swallowed, seek medical advice.

5. Fire Fighting Measures

Use dry chemical powder or appropriate foam extinguisher.

6. Accidental Release Measures

Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

7. Handling and Storage

Store sdAB at -20°C, imager with dye at -20°C, and buffer at 4°C.

8. Exposure Controls / Personal Protection

Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices.

9. Physical and Chemical Properties

Appearance:	liquid
Odor:	not determined
Water solubility:	high
Specific Gravity:	not determined
Melting point:	not determined
Boiling point:	not determined
Flash point:	not determined

10. Stability and Reactivity

Thermal Decomposition:	No decomposition if used according to specification.
Dangerous Reactions:	No dangerous reactions identified.
Dangerous Products of Decomposition:	No dangerous decomposition products identified.

11. Toxicological Information

RETCS Number: None known

Health Hazards: We are not aware of any reported health hazards for this product. We recommend treating all chemicals with caution.

Toxicity: We are not aware of any toxicity data for this product.

Potential Hazards: The properties of this product have not been completely investigated, however we recommend treating this chemical as potentially hazardous.

Carcinogenicity: Not known

12. Ecological Information

13. Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

14. Transport Information

Shipping Name: Not determined Hazard Class: Not determined Identification Number: Not determined Packing Group: Not classified

15. Regulatory Information

16. Other Information

This product is intended for use only by persons with proper skills and at their own risk. It is the responsibility of the user to determine the product's suitability for its intended use, the product's safe use, and the product's proper disposal. The recommendations given in this data sheet are based on prudent application of professional judgment. The information is given as a guide but shall not be taken as complete. As this product may pose unknown hazards it should be used with caution. Since Abberior GmbH cannot control the conditions of use of the product, it shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SAFETY DATA SHEET DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

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