

Safety data sheet according to 1907/2006/EC, Article 31

645000

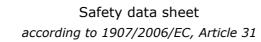
Revision: 06.12.2011 Printing date: 07.07.2016

| | Identification of the substance/mixture and of the company/undertaking | |
|-----|--|--|
| • | Product identifier | |
| • | Trade name: | |
| | 5-Carboxy-fluorescein | |
| | Article number: | |
| | new: 4045141 old: Q-2660 | |
| | CAS Number: | |
| | 76823-03-5 | |
| | Relevant identified uses of the substance or mixture and uses advised against | |
| • | Application of the substance / the preparation | |
| | Laboratory chemicals | |
| • | • Details of the supplier of the safety data sheet | |
| | Manufacturer/Supplier: | |
| | Bachem AG | |
| | Hauptstrasse 144 | |
| | CH-4416 Bubendorf Switzerland | |
| | E-mail msds@bachem.com | |
| | Tel +41 58 595 2021 | |
| | Fax +41 58 595 2040 | |
| • | Further information obtainable from: | |
| | Department: Marketing | |
| • | Emergency telephone number: | |
| | +41 44 251 51 51 (Tox Info Suisse) | |
| | | |
| 02 | Hazards identification | |
| | Classification of the substance or mixture | |
| • | Classification according to Regulation (EC) No 1272/2008 Void | |
| | Label elements | |
| | Labelling according to Regulation (EC) No 1272/2008 | |
| | Void | |
| • | | |
| | Void Hazard statements | |
| | Void | |
| • | Other hazards | |
| | Results of PBT and vPvB assessment | |
| • | PBT: | |
| | Not applicable. vPvB: | |
| | Not applicable. | |
| | •• | |
| 13- | Composition/information on ingredients | |
| 55 | Chemical characterization: Substances | |
| | | |

RTECS Number:

GB





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PRODUCT : 5-Carboxy-fluorescein (Contd. of page 1) 04 First aid measures · After inhalation: Supply fresh air; consult doctor in case of complaints. · After skin contact: Immediately wash with water and soap and rinse thoroughly. · After eye contact: Rinse opened eye for several minutes under running water. · After swallowing: Call a doctor immediately. · Information for doctor: · Most important symptoms and effects, both acute and delayed No further relevant information available. · Indication of any immediate medical attention and special treatment needed No further relevant information available. 05 Firefighting measures

Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture

- No further relevant information available.
- Advice for firefighters
- Protective equipment:
- No special measures required.

06 Accidental release measures

 Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions:

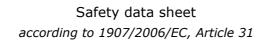
- No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

07 Handling and storage

- · Handling:
- Precautions for safe handling Prevent formation of dust.
- Information about fire and explosion protection: No special measures required.
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: Store in dry conditions.
- Recommended storage temperature:
- -20 +/- 5 °C
- Specific end use(s)
- No further relevant information available.

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| | - |
|---|--|
| ~ - | (Contd. of page 2 |
| 8 Exposure con | rols/personal protection |
| Ingredients with | mit values that require monitoring at the workplace: |
| CAS No. Not required. | Designation of material |
| Additional inform | |
| | g the making were used as basis. |
| Personal protect | |
| • | e and hygienic measures: mary measures are to be adhered to when handling chemicals. |
| Respiratory prote | • |
| | osure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained |
| | atory protective device in case of insufficient ventilation. |
| Protection of har | |
| U | has to be impermeable and resistant to the product/ the substance/ the preparation. |
| • | s no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture ve material on consideration of the penetration times, rates of diffusion and the degradation |
| The selection of the manufacturer to ma | suitable gloves does not only depend on the material, but also on further marks of quality and varies from nufacturer. |
| Penetration time The exact break th Eye protection: Safety glasses | or grove material out by the manufacturer of the protective gloves and has to be observed. |

| General Information | | |
|----------------------------------|------------------|--|
| Appearance: | | |
| Form: | Powder | |
| Colour: | Yellow | |
| Odour: | Nearly odourless | |
| Odour threshold: | Not determined. | |
| Molecular Weight | 376,3200 g/mol | |
| Change in condition | | |
| Boiling point/Boiling range: | Undetermined. | |
| Flash point: | Not applicable. | |
| Flammability (solid, gaseous): | Not applicable. | |
| gnition temperature: | | |
| Decomposition temperature: | Not determined. | |
| Self-igniting: | Not determined. | |
| Danger of explosion: | Not determined. | |
| Explosion limits: | | |
| Lower: | Not determined. | |
| Upper: | Not determined. | |
| Vapour pressure: | Not determined. | |
| Density: | Not determined. | |
| Solubility in / Miscibility with | | |
| water: | Not determined. | |
| Viscosity: | | |
| Dynamic: | Not determined. | |
| Kinematic: | Not determined. | |



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PRODUCT : 5-Carboxy-fluorescein

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid
- No further relevant information available.
- Incompatible materials:
- No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Acute toxicity: No further relevant information available.
- · Primary irritant effect:
- · on the skin:
- No further relevant information available.
- on the eye:
- No further relevant information available. Sensitization:
- No sensitizing effects known.
- Additional toxicological information:
- The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

- Acquatic toxicity:
- No further relevant information available.
- Persistence and degradability
- No further relevant information available. • Behaviour in environmental systems:
- Bioaccumulative potential
- No further relevant information available.Mobility in soil
- No further relevant information available.
- Additional ecological information:
- General notes:
 Not known to be hazardous to water.
- Results of PBT and vPvB assessment
- PBT:
- Not applicable. vPvB:
- Not applicable.
- Other adverse effects
- No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- Waste disposal key: 18 02 06
- Uncleaned packaging:
- Recommendation:
 - Disposal must be made according to official regulations





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| 14 Transport information | (Contd. of page 4) |
|---|--|
| ADR/RID class: | |
| IMDG Class: | |
| ICAO/IATA Class: | |
| | |
| Environmental hazards: | |
| Not applicable. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Cod | 0 |
| Not applicable. | . |
| | |
| 15 Regulatory information | |
| National regulations: | |
| Waterhazard class: | |
| Generally not hazardous for water.Self-assessment | |
| Chemical safety assessment: | |
| Chemical safety assessment. | |
| A Chemical Safety Assessment has not been carried out. | |
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