

Material Safety Data Sheet



Version: 2, Date: 30.05.2014

Page 1 / 4

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Commercial Product Name and ID-No.:

6-Carboxyfluorescein Azide (6-FAM Azide) – mi-C1001

Company: metabion international AG
Simmelweisstrasse 3
82152 Planegg - Steinkirchen
Telephone: +49-89-899363 0
Telefax: +49-89-899363 11
e-mail: info@metabion.com

Centre for detoxification:

2. CHEMICAL CHARACTERISATION / INFORMATION ON CONSTITUENTS

Formula: $C_{24}H_{18}N_4O_6$

MW: 458.43 g/mol

Purity: > 95 %

Description: orange solid

TLV units: Unknown

3. HAZARDS IDENTIFICATION

Hazardous description: No data available

Information concerning particular hazards for human and environment: No data available

Classification system: None

4. FIRST AID MEASURES

Avoid all direct contact.

Always contact physician.

Inhalation: Local exhaust is usually sufficient.

After contact with skin: Flush thoroughly with water.

After contact with eyes: Flush thoroughly with water.

After ingestion: Contact physician.

Never induce vomiting or give liquids to someone who is unconscious or cannot swallow.

5. FIRE-FIGHTING MEASURES

Prevention of fire and explosion: A finely divided dust aerosol may be explosive although the exact conditions of the hazard are unknown. Avoid dispersing dust.

Fire and explosion hazards: A finely divided dust aerosol may be explosive although the exact conditions of the hazard are unknown.

Flash Point: Not available

Material Safety Data Sheet

Version: 2, Date: 30.05.2014

Page 2 / 4



Means of extinguishing: Use material suitable and appropriate to surrounding fire conditions.

Extinguishing media: Dry chemical, CO₂, H₂O, foam

Fire fighting procedures: Use material suitable and appropriate to surrounding fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Avoid all direct contact.

Respiratory protection: A dust mask is recommended when a possibility of dust inhalation exists. Local exhaust is usually sufficient.

Protective gloves: Impermeable

Eye protection: Laboratory safety glasses

Other protective equipment: Normal laboratory apparel

Measures for environmental protection: Not necessary

Measures for cleaning/collection if a spill occurs: First sweep up the bulk of the material. Finish by wiping with a damp towel.

7. HANDLING AND STORAGE

Handling:

Information for safe handling: Avoid all direct contact. Handle using standard laboratory practices.

Information about fire: Not available

Storage:

Requirements to be met by storerooms and receptacles: No further requirements

Information about storage in one common storage facility: Not required

Further information about storage conditions: Freezer storage, -10 to -30°C, dry

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical facilities: No further requirements, see item 7.

Ingredients with limit values that require monitoring in the workplace: No ingredients need monitoring.

Personal protective equipment: The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Local exhaust is usually sufficient. A dust mask is recommended when a possibility of dust inhalation exists.

Protection of hands: Impermeable gloves

Eye protection: Laboratory safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Form and color: orange solid

Odor: None

Melting point / range: Undetermined

Boiling point / range: Decomposes

Material Safety Data Sheet

Version: 2, Date: 30.05.2014

Page 3 / 4



Flash point: Not available
Self-igniting: Not available
Danger of explosion: Not available
Solubility: DMSO, DMF, MeCN

10. STABILITY AND REACTIVITY

Thermal decomposition/condition to be avoided: No decomposition if used according to specifications.
Dangerous reactions: Avoid strong oxidants.
Dangerous decomposition: Toxic oxides of nitrogen may evolve when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Threshold limit value: No data available
Overexposure effects: No data available
Acute toxicity: No data available
On the skin: No data available
On the eye: No data available
Sensitization: No data available
Additional toxicological information: This product should be handled with the usual care when dealing with chemicals.

12. ECOLOGICAL INFORMATION

General notes: No data available

13. DISPOSAL CONSIDERATIONS

Product:

Recommendation: Dispose of as a special waste in compliance with official regulations.

Unclean packaging:

Recommendation: Dispose of in compliance with official regulations.

Recommended cleaning agents: First sweep up the bulk of the material. Finish by wiping with a damp towel.

Waste disposal: Dispose of waste according to nature of waste solid, solution in solvent, others. Dispose of waste according to the local legislation.

14. TRANSPORT INFORMATION

Land transport ADR/RID (cross-border)

ADR/RID class: Not a dangerous substance as defined in the regulations.

Maritime transport IMDG

IMDG class: Not a dangerous substance as defined in the regulations.

Maritime pollutant: No

Air transport ICAO-TI and IATA-DGR

ICAO/IATA class: Not a dangerous substance as defined in the regulations.

Material Safety Data Sheet

Version: 2, Date: 30.05.2014

Page 4 / 4



15. REGULATORY INFORMATION

Note: The toxicological properties of this material have not yet been thoroughly investigated. Use prudent laboratory practices for handling chemical substances of unknown toxicity.

16. OTHER INFORMATION

The information provided herein is based on sources believed to be reliable as of May 01, 2009 and pertains only to the material designated. Metabion international AG makes no warranty or representation to its completeness, accuracy, or currency. This material is intended for use by persons with pertinent technical skills and at their discretion and 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. Disposal of hazardous material may be subject to local laws or regulations. Not for drug use!