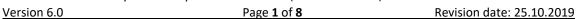
according to Regulation (EC) No 1907/2006 (REACH)

Product No: BCFA-008

Trade name: 5-Carboxytetramethylrhodamine-Azide (5-TAMRA-Azide)



# SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifiers

Product Name:5-Carboxytetramethylrhodamine Azide (5-TAMRA Azide)

Formal Name: Not available Product Number: BCFA-008 CAS-Nr.: 1192590-89-8 Index No.: not available EC No: not available REACH No: not available

# 1.2. Relevant identified uses of the substance or mixture and uses advised against Identified uses:

Laboratory chemical, for research and development only

## 1.3. Details of the supplier of the safety data sheet

baseclick GmbH

Floriansbogen 2-4

82061 Neuried

Germany

Telephone: +49 89 9699 3401

Fax: +49 9699 4696

E-mail: <a href="mailto:support@baseclick.eu">support@baseclick.eu</a>

## 1.4. Emergency telephone number

+49 89 9699 3401 (Working days Germany 09:00 AM - 05:00 PM CET)

# **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

## Classification according to Regulation (EC) No 1272/2008 [CLP]

This substance does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

## 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

not required

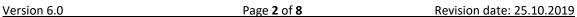
# 2.3. Other hazards



according to Regulation (EC) No 1907/2006 (REACH)

Product No: BCFA-008

Trade name: 5-Carboxytetramethylrhodamine-Azide (5-TAMRA-Azide)



# **SECTION 3: Composition/information on ingredients**

#### 3.1 Substance(s)

Formula:  $C_{28}H_{28}N_6O_4$ MW: 512.56 g/mol Purity:  $\geq$  95 % (LCMS)

Description: pink to dark red colored powder

TLV units: Unknown

#### 3.2 Mixtures

No data available

## **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

General notes:

Avoid all direct contact.

Always contact physician. Show this safety data sheet to the doctor in attendance.

If inhaled:

Move person into fresh air. If not breathing give artificial respiration. Consult a physician.

In case of skin contact:

Wash off with soap and plenty of water.

In case of eye contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In case of ingestion:

Contact physician. Do NOT induce vomiting. Rinse mouth with water. Never induce vomiting or give liquids to someone who is unconscious or cannot swallow.



# 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

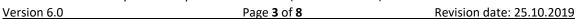
# 4.3 Indication of any immediate medical attention and special treatment needed



according to Regulation (EC) No 1907/2006 (REACH)

Product No: BCFA-008

Trade name: 5-Carboxytetramethylrhodamine-Azide (5-TAMRA-Azide)





## 5.1 Extinguishing media

Water. Alcohol resistant foam. Dry extinguishing powder. Carbon dioxide (CO₂). Sand.

## 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

In case of fire may be liberated: nitrogen oxides ( $NO_x$ ), carbon monoxide ( $CO_x$ ) ( $CO_x$ )

A finely divided dust aerosol may be explosive although the exact conditions of the hazard are unknown. Avoid dispersing dust.

## **5.3** Advice for fire-fighters

Use material suitable and appropriate to surrounding fire conditions Wear self-contained breathing apparatus for firefighting if necessary.

## **SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

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

# 6.2 Environmental precautions

Do not let product enter drains.

## 6.3 Methods and material for containment and cleaning up

Take up mechanically. Control of dust.

# **SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

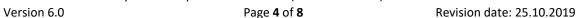
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition. Provide adequate ventilation. When not in use, keep containers tightly closed.



according to Regulation (EC) No 1907/2006 (REACH)

Product No: BCFA-008

Trade name: 5-Carboxytetramethylrhodamine-Azide (5-TAMRA-Azide)





Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature -20 °C, dark, dry.

## 7.3 Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection Handling and storage

#### 8.1 Control parameters

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.

#### 8.2 Exposure controls



Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Wash and dry hands.

Body Protection: Complete suit protecting against chemicals, flame retardant antistatic protective clothing.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

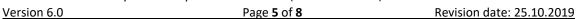
Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.



according to Regulation (EC) No 1907/2006 (REACH)

Product No: BCFA-008

Trade name: 5-Carboxytetramethylrhodamine-Azide (5-TAMRA-Azide)



## **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

Physical state: powder Colour: pink to dark red

Odour: None

Odour threshold: No data available

pH (value): No data available

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flash point: No data available Evaporation rate: No data available

Flammability (solid, gas): No data available lower explosion limit (LEL): No data available upper explosion limit (UEL): No data available Explosion limits of dust clouds: No data available

Vapour pressure: No data available Vapour density: No data available Relative density: No data available

Water solubility (20 °C): No data available

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available Decomposition temperature: No data available Viscosity, flow time (23 °C): No data available

Viscosity, dynamic (mPas / 20 °C): No data available

Explosive properties: No data available Oxidizing properties: No data available

#### 9.2 Other information:

Solubility: DMSO, DMF, MeOH

# **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No data available.

# 10.2 Chemical stability

Stable under recommended storage conditions.

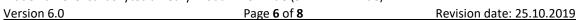
## 10.3 Possibility of hazardous reactions



according to Regulation (EC) No 1907/2006 (REACH)

Product No: BCFA-008

Trade name: 5-Carboxytetramethylrhodamine-Azide (5-TAMRA-Azide)



## 10.4 Conditions to avoid

Dangerous decomposition: Toxic oxides of nitrogen may evolve when heated to

decomposition.

#### 10.5 Incompatible materials

Avoid strong oxidants.

# 10.6 Hazardous decomposition products

Dangerous decomposition: Toxic oxides of nitrogen may evolve when heated to

decomposition.

# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available Respiratory or skin sensitisation: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

Specific target organ toxicity -single exposure: No data available Specific target organ toxicity -repeated exposure: No data available

Aspiration hazard: No data available Additional Information: No data available

# **SECTION 12: Ecological information**

# 12.1 Toxicity

No data available

## 12.2 Process of degradability

Theoretical Oxygen Demand with Nitrification: 2.073 mg / mg

Theoretical Oxygen Demand: 1.779 mg / mg Theoretical carbon dioxide: 2.404 mg / mg

# 12.3 Bioaccumulative potential

No data available

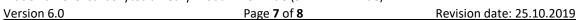
# 12.4 Mobility in soil



according to Regulation (EC) No 1907/2006 (REACH)

Product No: BCFA-008

Trade name: 5-Carboxytetramethylrhodamine-Azide (5-TAMRA-Azide)





No data available

## 12.6 Other adverse effects

No data available

# **SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

Product:

Consult the appropriate local waste disposal expert about waste disposal.

Contaminated packaging:

see Product

# **SECTION 14: Transport information**

## 14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

## 14.2 UN Proper shipping name

ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods

# 14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

# 14.4 Packing group

ADR/RID: -

IMDG: -

IATA: -

## 14.5 Environmental hazards

ADR/RID: no IMDG: no

IATA: no

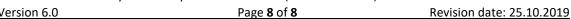
# 14.6 Special precautions for user



according to Regulation (EC) No 1907/2006 (REACH)

Product No: BCFA-008

Trade name: 5-Carboxytetramethylrhodamine-Azide (5-TAMRA-Azide)



## 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

# **SECTION 15: Regulatory information**

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Caution – substance not yet tested completely.

## 15.2 Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out

# **SECTION 16: Other information**

## 16.1 Further information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. It does not represent any guarantee of the accuracy, completeness or properties of the product. 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. Baseclick GmbH shall not be held liable for any damage resulting from handling or from contact with the above product. Not for drug use! For R&D only!

