

# SAFETY DATA SHEET

<b>Version:</b>	1.2
<b>Revision Date:</b>	2024-02-09
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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

<b>Product Number:</b>	F0036
<b>Product name:</b>	5-SFX
<b>CAS Registry Nr:</b>	194661-60-4

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

Laboratory chemicals, Manufacture of substances.

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

<b>Company:</b>	Chemodex AG
	CH - 9015 St. Gallen
	Switzerland, Europe
	Tel: +41 71 244 48 25
	Fax: +41 71 244 48 26
	Email: <a href="mailto:info@chemodex.com">info@chemodex.com</a>
	Website: <a href="http://www.chemodex.com">www.chemodex.com</a>

### 1.4 Emergency telephone number

<b>Tox Info Suisse:</b>	145 or +41 44 251 51 51
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## SECTION 2: Hazards identification


### 2.1 Classification of the substance or mixture

#### Classification in accordance with (EC) No. 1272/2008 [EU-GHS/CLP]

Skin irritation (Category 2)	H315
Eye irritation (Category 2A)	H319
Specific target organ toxicity - single exposure (Category 3), Respiratory system	H335

## 2.2 Label elements

### Labelling according Regulation (EC) No. 1272/2008

Pictogram	
Signal word	Warning

### Hazard statement(s)

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

### Precautionary statement(s)

P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 2.3 Other hazards

Supplemental Hazard Statements:	none
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## SECTION 3: Composition/information on ingredients

### 3.1 Substances

<b>Synonyms:</b>	5-FAM-X  Fluorescein-5-carboxamidocaproic acid  6-(Fluorescein-5-carboxamido)hexanoic acid
<b>Mol. Formula:</b>	C27H23NO8
<b>Mol. Weight:</b>	489.47 g/mol
<b>CAS Registry No.:</b>	194661-60-4

Component	Classification	Concentration
5-SFX CAS-No. 194661-60-4	H315-H319-H335	<=100%

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled

Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

**In case of skin contact**

Rinse skin with water. Immediate medical attention is not required.

**In case of eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**If swallowed**

Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

**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**

No data available

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Use water spray, carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**5.2 Special hazards arising from the substance or mixture**

No data available

**5.3 Advice for firefighters**

Standard procedure for chemical fires.

**5.4 Further information**

No data available

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See section 8 for more information

**6.2 Environmental precautions**

No special environmental precautions required.

**6.3 Methods and material for containment and cleaning up**

Take up mechanically, placing in appropriate containers for disposal.

#### 6.4 Reference to other sections

See section 8 for more information.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary. For precautions see section 2.2.

#### 7.2 Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.  
Protect from light and moisture. Store at -20°C.

#### 7.3 Specific end use(s)

For research use only.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### **Components with workplace control parameters**

Contains no substances with occupational exposure limit values. Ensure adequate ventilation, especially in confined areas.

#### 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**

###### **Eye protection**

Tight sealing safety goggles.

###### **Hand protection**

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

###### **Skin and Body protection**

Wear suitable protective clothing.

###### **Respiratory protection**

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

###### **Control of environmental exposure**

No special environmental precautions required.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a)	<b>Appearance:</b>	Reddish solid
b)	<b>Odour:</b>	No data available
c)	<b>Odour Threshold:</b>	No data available
d)	<b>pH:</b>	No data available
e)	<b>Melting point/freezing point:</b>	
f)	<b>Boiling point</b>	
g)	<b>Flash point:</b>	No data available
h)	<b>Evaporation rate:</b>	No data available
i)	<b>Flammability (solid, gas):</b>	No data available
j)	<b>Upper/lower flammability or explosive limits:</b>	No data available
k)	<b>Vapour pressure:</b>	No data available
l)	<b>Vapour density:</b>	No data available
m)	<b>Relative density:</b>	
n)	<b>Solubility:</b>	Soluble in acetone or methanol.
o)	<b>Partition coefficient (n-octanol/water):</b>	No data available
p)	<b>Auto-ignition temperature:</b>	No data available
q)	<b>Decomposition temperature:</b>	No data available
r)	<b>Viscosity:</b>	No data available
s)	<b>Explosive properties:</b>	No data available
t)	<b>Oxidizing properties:</b>	No data available

### 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable for at least 2 years under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

No dangerous reaction known under conditions of normal use.

#### 10.6 Hazardous decomposition products

No data available

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### 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**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**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**

RTECS: Not available

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### SECTION 12: Ecological information

#### 12.1 Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6 Other adverse effects

No data available

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

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### SECTION 14: Transport information

14.1 - 14.5 UN number and proper shipping name, Transport hazard class(es), Transport hazard class(es), Environmental hazards

#### ADR/RID

UN number:		Class:		Packing group:	Not dangerous goods
Proper shipping name:		5-SFX			
Environmental hazards		No data available			

#### IMDG

UN number:		Class:		Packing group:	Not dangerous goods
Proper shipping name:		5-SFX			
Environmental hazards		No data available			

#### IATA

UN number:		Class:		Packing group:	Not dangerous goods
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Proper shipping name:	5-SFX
Environmental hazards	No data available

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

#### 14.6 Special precautions for user

No data available

#### 14.7 Further information

No data available

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### SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available

#### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

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### SECTION 16: Other information

#### Full text of H-Statements referred to under sections 2 and 3.

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

#### Further information

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