

## Material Safety Datasheet for Link-A-Light Atto590 Conjugation Kit (SAF0021\_A)

### 1. Product description

#### 1a. Identification of the substance / preparation

Catalog No.: **AC023-001, AC023-002, AC023-003**

Product Description: Conjugation Kits

#### 1b. Supplier

Acris Antibodies GmbH

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### 2. Composition / Information on ingredients

Name:	CAS No.	Contents:	Symbol	Risk :
		By weight		(R No.)
Component 1	not applicable	85.8 %	-	R36/37/38
Component 2	not applicable	12.9 %	-	R36/37/38
Component 3	not applicable	1.19 %	-	R36/37/38
Component 4	not applicable	0.09 %	-	R36/37/38

**Composition comments:** Link-A-Light Atto590: A lyophilized blue-purple powder

### 3. Hazards identification

Physical/chemical hazards:	not applicable
Routes of Entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Potential Acute Health hazards:	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant) of inhalation (lung irritant)
Carcinogenic Effects:	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.
Medical Conditions Aggravated by over exposure:	Repeated or prolonged exposure is not known to aggravate existing medical conditions
Overexposure/signs/symptoms:	Not available

### 4. First-aid measures

Skin:	In case of contact dab off with absorbent cloth and wash off skin thoroughly with soap and water. If discomfort persists obtain medical attention.
Lungs:	If inhaled, remove from exposure, rest and keep warm. Seek medical attention.
Mouth:	If ingested, wash out mouth thoroughly with water and give plenty of water to drink. DO NOT induce vomiting. Obtain medical attention.
Eyes:	Flush eyes with plenty of water for at least 10 minutes, occasionally lifting the upper and lower eyelids. Get medical help.

## 5. Fire fighting measures

Material may be flammable at high temperatures. It is recommended that firefighters should wear protective gear and self-contained breathing apparatus to limit personal exposure, and select firefighting media appropriate to the other materials involved in the fire.

## 6. Accidental release measures

Personal precautions: Wear appropriate protective gear; see below under "Exposure control"  
Methods for cleaning: Wipe up spill, place in sealed container.  
Spill site should be washed with plenty of water.  
Disposal precautions: Dispose of all waste in accordance with local authority regulations.

## 7. Handling and storage

Handling: This product should be handled only by qualified experienced professionals.  
Wash thoroughly after handling the material.  
Storage: Store at -20°C  
All components should be stored in tightly closed containers.

## 8. Exposure controls / personal protection

Ingredient name	CAS No.	STD	LT EXP. (8hrs)	ST EXP. (15min)
Component 1	not applicable	n/a	n/a	n/a
Component 2	not applicable	n/a	n/a	n/a
Component 3	not applicable	n/a	n/a	n/a
Component 4	not applicable	n/a	n/a	n/a

Protective equipment: During routine use, wear suitable protective clothing; laboratory coat, gloves and safety glasses. Use face mask to avoid breathing in dust when cleaning up powder spills.

## 9. Physical and chemical properties

Form/Appearance: Lyophilized blue-purple solid  
pH: n/a  
Melting point: n/a  
Flashpoint: n/a  
Explosive properties: n/a  
Vapor pressure: n/a  
Relative density: n/a  
Solubility: soluble in water

## 10. Stability and reactivity

This material is stable for up to 12 months if stored as directed.  
Conditions to avoid: Excessive heat and moisture  
Materials to avoid: none known  
Hazardous decomposition products: none known

## 11. Toxicological information

Toxic dose LD-50: Not known  
Health warnings: Slightly irritant to skin, lungs and eyes  
Other health effects: none known

## 12. Ecological information

Environmental hazards – no data available for the product itself.

## 13. Disposal considerations

This product should be disposed of in accordance with local waste disposal authority

#### 14. Transport information

**Road/Rail:**

Road/Rail transport notes: Product not classified as dangerous goods under any transport regulation

**Sea/Air:**

Sea/Air transport notes: Product not classified as dangerous goods under any transport regulation

#### 15. Regulatory information

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

The information contained in this safety datasheet is believed to provide relevant information that will aid the safe handling and use of all these products and their related conjugates. However, it does not claim to be an all inclusive assessment and should be used as a guide only.

Please note that our Material Safety Datasheets have been formulated in accordance with EU directives, without regard to national current chemical acts. Special national regulations must be observed by the user!

Acris Antibodies GmbH shall not be held liable for any damage resulting from contact with this product.

#### 16. Other information

**References**

Manufacturer safety information.

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.