

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Revision date: 1.1.2023

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

#### 1.1 Product identifiers

Product name: AEBSF, HYDROCHLORIDE  
Brand: CF Plus Chemicals  
CAS-No.: 30827-99-7

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

Identified uses: Laboratory chemicals; Organic synthesis intermediate

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

Company: CF Plus Chemicals, s.r.o.  
Karásek 1767/1  
621 00 Brno – Řečkovice  
Czech Republic  
Telephone: +420 606 117 375  
E-mail address: [sales@cfplus.cz](mailto:sales@cfplus.cz)

#### 1.4 Emergency telephone number

Emergency phone: +420 228 880 039 (CHEMTREC)  
+420 224 919 293 / +420 224 915 402  
(Toxicological Information Centre)

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008**

Skin irritation (Category 2); H315

Causes serious eye irritation (Category 2), H319

For the full text of the H-statements mentioned in this Section, see Section 16.

#### 2.2 Label elements

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



Pictogram

Signal word

Warning

Hazard statements

Hazard statement(s)

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
Precautionary statement(s)  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

## 2.3 Other hazards

No.

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## SECTION 3: Composition/information of ingredients

### 3.2 Substances

Synonyms:

AEBSF, HYDROCHLORIDE

Formula:

C<sub>8</sub>H<sub>10</sub>FNO<sub>2</sub>S.HCl

Molecular weight:

239,70 g/mol

CAS-No.:

30827-99-7

### Hazardous ingredients according to Regulation (EC) No. 1272/2008

Component	Classification	Concentration
<b>AEBSF, HYDROCHLORIDE</b>		
CAS-No.: 30827-99-7	Skin Irrit. 2; Eye Irrit. 2; H315, H319	<= 100 %

## 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

If breathed in, 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. Consult a physician.

#### In case of eye contact

Rinse eyes thoroughly with plenty of water for at least 15 minutes. Consult physician.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

#### **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**

##### **Suitable extinguishing media**

Sand, carbon dioxide, dry chemical powder, or appropriate foam.

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

Carbon oxides

Nitrogen oxides (NO<sub>x</sub>)

Sulfur oxides

Hydrogen chloride gas

Hydrogen fluoride

Combustible.

Fire may cause evolution of:

Hydrogen chloride gas, Hydrogen fluoride, Sulfur oxides, nitrogen oxides

Development of hazardous combustion gases or vapours possible in the event of fire.

#### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for the fighting if necessary.

#### **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**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations.

#### **6.2 Environmental precautions**

Do not let product enter drains.

#### **6.3 Methods and materials for containment and cleaning up**

Contain spillage and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

#### **6.4 Reference to the other sections**

For disposal see section 13.

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### **SECTION 7: Handling and storage**

#### **7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Prevention see section 2.2.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in a fridge. Keep container tightly closed in a dry and well-ventilated place.

## 7.3 Specific end uses

No data available.

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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.

## 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 and face protection

Safety glasses with side-shields conforming to EN166. 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. Gloves must be inspected prior use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

The selected protective gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN374 derived from it.

#### Body protection

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

#### Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Checking the environmental load

Prevent further leakage or spillage if safe to do so. Do not allow to enter drains.

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# SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

a) Appearance	Form: white solid
b) Odour	No data available
c) Odour Threshold	No data available
d) pH	No data available

e) Melting point/freezing point	183 °C
f) Initial boiling point and boiling point	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	No data available
n) Water solubility	soluble
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

**Other safety information**

No data available

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**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 reaction**

No data available

**10.4 Conditions to avoid**

Heat, flames and sparks.

**10.5 Incompatible materials**

Oxidizing agents, reducing agents, strong acids, strong bases, metals and metal compounds.

**10.6 Hazardous decomposition products**

see section 5.

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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 sensitization**

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.

**Potential health effects**

<b>Inhalation</b>	May be harmful if inhaled. Causes respiratory tract irritation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Skin</b>	May be harmful if absorbed through skin.
<b>Eyes</b>	Causes serious eye irritation.

**Signs and symptoms of exposure**

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

**Additional information**

RTECS: no data available

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

No data available

**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**

No data available

**12.6 Other adverse effects**

No data available

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**SECTION 13: Disposal consideration**

**13.1 Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Burn in a chemical incinerator equipped with an afterburner and scrubber but extra care in igniting as the material is highly flammable.

**Contaminated packaging**

Dispose of as unused product.

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**SECTION 14: Transport information**

**14.1 UN Number**

ADR/RID: UN3261                      IMDG: UN3261                      IATA: UN3261

**14.2 UN proper shipping name**

ADR/RID: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (4-(2-aminoethyl)benzenesulfonyl fluoride hydrochloride)

IMDG: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (4-(2-aminoethyl)benzenesulfonyl fluoride hydrochloride)

IATA: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S. (4-(2-aminoethyl)benzenesulfonyl fluoride hydrochloride)

**14.3 Transport hazard class(es)**

ADR/RID: 8                                      IMDG: 8                                      IATA: 8

**14.4 Packaging group**

ADR/RID: II                                      IMDG: II                                      IATA: II

**14.5 Environmental hazards**

ADR/RID: no                                      IMDG: no

IATA: no

**14.6 Special precautions for user**

Tunnel restriction code : (E)

No data available.

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**SECTION 15: Regulatory information**

This safety data sheet complies with requirements of Regulation (EC) No. 1907/2006.

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

**Authorization and/or limitation of use**

No data available

**15.2 Chemical Safety Assessment**

No data available

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**SECTION 16: Other information**

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

**FURTHER INFORMATION**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

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