SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identity: 4-(2-Aminoethyl)-benzenesulfonyl fluoride Hydrochloride
Part Number: 401

Manufacturer: Bio-Research Products, Inc.
323 W. Cherry St.
North Liberty, IA 52317, USA
Phone # 319-626-2423 Fax # 319-626-2240
www.bio-researchprod.com

Product Use: Non-reversible serine protease inhibitor

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification
Skin corrosion (Category 1B)
Serious eye damage (Category 1)

Hazard statement(s)
H314 Causes severe skin burns and eye damage.
P310 Immediately call a POISON CENTER or doctor/ physician.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary statement(s)
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

GHS Label elements, including precautionary statements Pictogram

Signal word Danger

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

CAS No. 30827-99-7

EC No. None

Origin: Aminoethylbenzene sulfonyl fluoride HCl

Synonyms: AEBSF

SECTION 4 - FIRST AID MEASURES

Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

Eyes: Immediately wash eyes with running water for 15 minutes. If irritation develops, get medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse out mouth with water, do not swallow. Get immediate medical attention.
Inhalation: Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: NOT AVAILABLE
Autoignition: NOT AVAILABLE

Extinguishing Media:
Use water fog, foam, CO_2 or dry chemical extinguishing media.

Fire Fighting Procedures:
Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

Unusual Hazards:
Emits toxic fumes under combustion.

Additional Fire and Explosion Data:
Decomposition products are carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides, hydrogen chloride gas, hydrogen fluoride. Hazardous polymerization will not occur.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate respiratory protection and protective clothing and provide adequate ventilation during clean up.

Measures for cleaning/collecting: Spills should be contained, solidified and placed in suitable containers for disposal in a licensed facility.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes, and prevent inhalation and swallowing. Wear appropriate respiratory protection and protective clothing. Handle in ventilated area.

General: Aqueous solutions are stable for several days @ 25 ^{o}C, below pH 7.
Will slowly lose activity upon exposure to water or water vapor.
Store at ambient temperature or below.
AEBSF is stable for several months at room temperature

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

General protective and hygienic measures: The usual precautionary measures for handling chemicals and potentially biohazardous materials should be followed. Wear gloves, coveralls, apron, boots as necessary to prevent skin contact. Safety shower and eye wash should be available in proximity.

Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.

Respiratory protection: Wear a NIOSH approved respirator.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form/Appearance:	White powder	
Melting Pt:	180 – 181.5	Deg C 1.0 ATMOSPHERES
Molecular Wt:	239.7	g

Solubility in Water Description: Soluble

SECTION 10 - STABILITY AND REACTIVITY

Stability Data: Stable at room temperature or less.
Incompatibility: Strong bases. Strong oxidizing agents.
Conditions/Hazards to Avoid: None known.
Hazardous Decomposition/Polymerization: None known.
Hazardous decomposition products: None known.
Polymerization: Does not occur.
Corrosive Properties: Not corrosive.
Oxidizer Properties: Not an oxidizer.
Other Reactivity Data: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Overexposure Effects:
Contact with the eyes may result in irritation. Prolonged or repeated skin contact may result in irritation. Inhalation may result in respiratory irritation. Ingestion may result in gastric disturbances. There are no other known acute effects associated with this material.

Chronic Overexposure Effects:
There are no known chronic effects associated with this material.

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity: No data available
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
PBT and vPvB assessment: No data available
Other adverse effects: No data available

SECTION 13 – DISPOSAL INFORMATION

Waste Disposal:
Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

Container Disposal:

Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized reuse.

SECTION 14 – TRANSPORT INFORMATION

DOT:	Shipping Name	Corrosive solid, acidic, organic, n.o.s.
	UN#	3261
	Class	8
	Packing Group	II
	PIH	not PIH
IATA:		Same as DOT

SECTION 15 – REGULATORY INFORMATION

GHS Classification
Skin corrosion (Category 1B)
Serious eye damage (Category 1)

SECTION 16 – OTHER INFORMATION

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