

## SAFETY DATA SHEET

### SECTION 1: Identification of the product and of the company

#### 1.1 Product identifiers

<b>Product name</b>	Phenylmethylsulfonyl Fluoride (PMSF)
<b>Brand</b>	BioPioneer
<b>CAT No.</b>	BPBOI025
<b>Identified uses</b>	A reagent used for analytical purposes.

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

<b>Company</b>	BioPioneer Pvt Ltd KIIT-TBI, Campus 11 Patia, Bhubaneswar Khorda -751024 INDIA <a href="http://www.biopioneer.in">www.biopioneer.in</a>
<b>Contact Us</b>	info@biopioneer.in Phone +917991084428


### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Acute Toxicity (Oral): Category 3,  
Skin Corrosion/Irritation: Category 2,  
Serious Eye Damage/Irritation: Category 2A.

#### 2.2 Label elements

Labelling According to Regulation (EC) No 1272/2008

Pictogram:   
Signal Word: Danger

Hazard Statements:  
H301 - Toxic if swallowed  
H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary Statements:

P264 - Thoroughly wash skin after handling.

P280 - Use eye protection/face protection.

### 2.3 Other hazards

Not a hazardous substance or mixture.

## SECTION 3: Composition/information of ingredients

### 3.1 Mixtures

Component		Classification	Concentration
<b>Phenylmethylsulfonyl Fluoride</b>			
CAS-No.	329-98-6	Acute Tox. 3; H301, H315,H319	>= 99 - %
EC-No.	206-350-2		
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## SECTION 4: First aid measures

### 4.1 Description of First Aid Measures

#### 4.2 In case of skin contact

This substance does not irritate the skin. Wash off with soap and plenty of water.

#### In case of eye contact

Flush eyes with water as a precaution.

#### If swallowed

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

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

No data available

## SECTION 5: Personal protection

## 5.1 Exposure controls

### Personal protective equipment Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards.

### Skin protection

This recommendation is only valid for the product specified in the safety data sheet provided by us and for the intended use. If you mix this product with other substances or use it under conditions different from those described in EN 16523-1, please consult a supplier of CE-approved gloves.

For Full Contact:

Material: Nitrile rubber

Minimum Layer Thickness: 0.11 mm

Breakthrough Time: 480 minutes

For Splash Contact:

Material: Nitrile rubber

Minimum Layer Thickness: 0.11 mm

Breakthrough Time: 480 minutes

### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dust as desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Control of environmental exposure

No special environmental precautions are required.

## SECTION 6: Physical and chemical properties

### 6.1 Information on basic physical and chemical properties

Property	Details
a) Physical State	Solid
b) Color	White crystalline powder
c) Odor	Slightly pungent
d) Melting Point/Freezing Point	No data available
e) Initial Boiling Point and Boiling Range	No data available
f) Flammability (Solid, Gas)	No data available
g) Upper/Lower Flammability or Explosive Limits	No data available
h) Flash Point	No data available

**Property**

- i) Autoignition Temperature
- j) Decomposition Temperature
- k) pH
- l) Viscosity
- m) Water Solubility
- n) Partition Coefficient (n-octanol/water)
- o) Vapor Pressure
- p) Density
- q) Relative Vapor Density
- r) Particle Characteristics
- s) Explosive Properties
- t) Oxidizing Properties

**Details**

No data available  
No data available  
6  
Kinematic Viscosity: No data available  
Dynamic Viscosity: No data available  
No data available  
No data available  
No data available  
No data available  
Relative Density: No data available  
No data available  
No data available  
Not classified as explosive  
None

## SECTION 7: Stability and reactivity

### 7.1 Reactivity

No data available

### 7.2 Chemical stability

Stable under room temperature.

### 7.3 Possibility of Hazardous Reactions

No data available

### 7.4 Incompatible materials

Strong oxidising agents, Strong acids

### 7.6 Hazardous decomposition products

No data available

## SECTION 8: Toxicological information

### 8.1 Information on toxicological effects

#### Acute toxicity

No evidence suggests any acute toxicity.

**Symptoms:** Potential symptoms include mucosal irritation.

**Dermal:** No information available.

**Skin Corrosion/Irritation:** No information available.

**Serious Eye Damage/Eye Irritation:** The mixture is known to cause serious eye irritation.

**Respiratory or Skin Sensitization:** No information available.

**Germ Cell Mutagenicity:** No information available.

**Carcinogenicity:** No information available.

**Reproductive Toxicity:** No information available.

**Specific Target Organ Toxicity - Single Exposure:** No information available.

## SECTION 9: Transport information

### 9.1 UN Number

- ADR/RID: Not applicable
- IMDG: Not applicable
- IATA: Not applicable

### 9.2 UN Proper Shipping Name

- ADR/RID: Not classified as dangerous goods

- IMDG: Not classified as dangerous goods
- IATA: Not classified as dangerous goods

### 9.3 Transport Hazard Class(es)

- ADR/RID: Not applicable
- IMDG: Not applicable
- IATA: Not applicable

### 9.4 Packaging Group

- ADR/RID: Not applicable
- IMDG: Not applicable
- IATA: Not applicable

### 9.5 Environmental Hazards

- ADR/RID: No
- IMDG: Marine pollutant: No
- IATA: No

### 9.6 Special Precautions for User

- No data available

### Further Information

This product is not classified as dangerous under transport regulations.

## SECTION 10: Waste Treatment information

### 10.1 Waste treatment methods

No data available

## SECTION 11: Disposal information

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

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

#### Other regulations

Take note of Dir 94/33/EC on the protection of young people at work.

### 11.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

