1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: 1-Methyl-1-Propylpyrrolidinium bis(fluorosulfonylimide
Catalog number: Pyr1333a
Manufacturer: SOLVIONIC SA
195 route d’Espagne
31036 TOULOUSE
FRANCE
Tel: +33 (0)5 34 63 35 35
Fax: +33 (0)5 61 25 13 98
E-mail: contact@solvionic.com
Emergency call number: (INRS) 01 45 42 59 59

2. HAZARDS IDENTIFICATION

Classification according Regulation (EC) No 1272/2008 [CLP]
Skin irritation (Category 2)
Eye irritation (Category 2)

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram
Signal word Warning

Hazard statement(s)
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statement(s)
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.

Supplemental Hazard Statements none

Substance not yet fully tested.
3. COMPOSITION AND INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Product name</th>
<th>EC number</th>
<th>CAS number</th>
<th>Annex I Index number</th>
<th>%</th>
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<tr>
<td>1-Methyl-1-Propylpyrrolidinium bis(fluorosulfonyl)imide</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>99.9</td>
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</tbody>
</table>

4. FIRST AID MEASURES

**Inhalation:**
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Skin exposure:**
In case of contact, immediately wash skin with soap and copious amounts of water.

**Eye exposure:**
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Ingestion:**
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5. FIRE FIGHTING MEASURES

**Extinguishing media:**
Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

**Special risks:**
Emits toxic fumes under fire conditions.

**Special protective equipment for firefighters:**
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

**Personal protective equipment:**
Wear chemical resistant gloves and protective clothing.

**Methods for cleaning up:**
Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

**Handling:**
Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Use under nitrogen.

**Storage:**
Keep tightly closed. Store under nitrogen.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering control:**
Safety shower and eye bath.

**Personal protective equipment:**
**Respiratory protection:**
Use respirators tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection:**
Wear chemical safety gloves.
Eye protection:
Wear chemical safety glasses.

Skin protection:
Wear appropriate protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Appearance</td>
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<tr>
<td>Smell</td>
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<td>pH</td>
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</tr>
<tr>
<td>Melting point</td>
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<td>Boiling point</td>
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<tr>
<td>Flash point</td>
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<td>Flammability</td>
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<tr>
<td>Explosive properties</td>
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<tr>
<td>Oxidizing properties</td>
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<td>Vapor pressure</td>
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<tr>
<td>Density (20°C)</td>
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<tr>
<td>Decomposition temperature</td>
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<td>Conductivity (mS/cm at 25°C)</td>
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<td>C₈H₁₈N₂F₂S₂O₄</td>
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<tr>
<td>Molecular weight</td>
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</table>

10. STABILITY AND REACTIVITY

Stability:
Stable until 250°C.

Hazardous reactions:
Hazardous polymerization will not occur.

Materials to avoid:
Strong oxidizing agents.

Hazardous decomposition products:
Carbon dioxide (CO₂), carbon monoxide (CO), hydrogen fluoride (HF), nitrogen oxides (NOₓ)

11. TOXICOLOGICAL INFORMATION

General informations:

Acute toxicity
No data available

Sensitising
No data available

Chronic exposure
No data available

Route of exposure:

Skin contact: May cause skin irritation.
Skin absorption: May be harmful if absorbed through the skin.
Eye contact: May cause eye irritation.
Inhalation: Material may irritate mucous membranes and upper respiratory tract. May be harmful if inhaled.
Ingestion: May be harmful if swallowed.

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: Not data available
12. ECOLOGICAL INFORMATION

Toxicity: Not data available
Persistence and degradability: Not data available
Bioaccumulative potential: Not data available
Mobility in soil: Not data available
Results of PBT and vPvB assessment: Not data available
Other adverse effects: Not data available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORTATION INFORMATION

RID/ADR
No-hazardous for road transport.

IMDG
No-hazardous for sea transport.

IATA
No-hazardous for air transport.

Environmental hazards
ADR/RID: No data available
IMDG Marine pollutant: No data available
IATA: No data available

Special precautions for user
No data available

15. REGULATORY INFORMATION

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

Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available

Chemical Safety Assessment
No data available

16. OTHER INFORMATION

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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