1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Poly(diallyldimethylammonium bis(trifluoromethanesulfonyl)imide)

Catalog number: Am5408b

Manufacturer: SOLVIONIC SA
Chemin de la Loge
31078 TOULOUSE
FRANCE

Tel: +33 (0)5 62 25 73 71
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E-mail: contact@solvionic.com
Emergency call number: (INRS) 01 45 42 59 59

2. HAZARDS IDENTIFICATION

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Irritating to eyes, respiratory system and skin.

Classification according to EU Directives 67/548/EEC or 1999/45/EC
According to Regulation (EC) No1272/2008
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


R-phrase(s)
R 36/37/38 Irritating to eyes, respiratory system and skin

S-phrase(s)
S 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S 37/39 Wear suitable gloves and eye/face protection.

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

<table>
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<tr>
<th>Product name</th>
<th>EC number</th>
<th>CAS number</th>
<th>Annex I Index number</th>
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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. Call a physician.

**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 controls:**
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

- **Appearance:** solid, white to slightly yellow
- **Smell:** not determined
- **pH:** no data
- **Melting point:** no data
- **Boiling point:** no data
- **Flash point:** no data
- **Flammability:** no flammable
- **Explosive properties:** no data
- **Oxidizing properties:** no data
- **Vapor pressure:** no data
- **Density:** no data
- **Solubility:** no data
- **Partition coefficient:** no data
- **Viscosity:** no data
- **Vapor density:** no data
- **Evaporation rate:** no data
- **Molecular formula:** \[\text{[C}_{10}\text{H}_{16}\text{F}_{6}\text{N}_{2}\text{S}_{2}\text{O}_{4}]n\]
- **Molecular weight:** no data

### 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:**
The toxicological properties have not been thoroughly investigated.

**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 be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

**Ingestion:**
May be harmful if swallowed.

### 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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