



## MATERIAL SAFETY DATA SHEET

Regulation (EC) n°1907/2006  
MSDS creation date: 19/04/2010  
Revision (1):02/11/2011

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**Product name:** N-Methyl-N-Propylpiperidinium bis(fluorosulfonyl)imide  
**Catalog number:** Pi0333a  
**Manufacturer:** SOLVIONIC SA  
Chemin de la Loge  
31078 TOULOUSE  
FRANCE  
**Tel :** +33 (0)5 62 25 73 71  
**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

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#### Classification of the substance or mixture

#### **Classification according to the Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Eye irritation (Category 2)  
Skin irritation (Category 2)

#### **Classification according to EU Directives 67/548/EEC or 1999/45/EC**

Irritating to eyes, respiratory system and skin

#### **Contained label**

#### **Labeling according to the Regulation (EC) No 1272/2008 [EU-GHS/CLP]**



Pictogram

Signal word                      Warning

#### Hazard statement(s)

H315                      Causes skin irritation.  
H319                      Causes serious eye irritation.  
H335                      May cause respiratory irritation.

#### Preventive measure(s)

P280                      Wear protective gloves/protective clothing/eye and face protection  
P305 + P351 + P338

#### **IN CASE OF EYES CONTACT:**

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.

#### **Warning:**

Substance not yet fully tested

#### **According to European Directive 67/548/EEC as amended.**

#### R-PHRASE:

R 36/37/38 Irritating to eyes, respiratory system and skin.

**S-PHRASES :**

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.

**3. COMPOSITION AND INFORMATION ON INGREDIENTS**

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Product name	EC number	CAS number	Annex I Index number	%
N-Methyl-N-Propylpiperidinium bis(fluorosulfonyl)imide	/		/	99.9

**4. FIRST AID MEASURES**

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***Inhalation:***

If inhaled, remove to fresh air away from exposure. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

***Skin exposure:***

In case of skin contact, immediately wash skin with soap and copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.

***Eye exposure:***

In case of eye contact, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Get medical attention.

***Ingestion:***

If swallowed, wash out mouth with water provided person is conscious. Get medical attention.

**5. FIRE FIGHTING MEASURES**

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***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 REALEASE MESURES**

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***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**

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***Handling:***

Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

***Storage:***

Keep in a tightly closed container. Store in a cool, dry place. Stock under nitrogen.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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***Engineering controls :***

Safety shower and eye bath.

***Personal protective equipment:******Respiratory protection:***

Use of materials and components tested and approved by NIOSH and CEN (EU).

**Hand protection:**

Wear chemical safety gloves.

**Eye protection:**

Wear chemical safety glasses.

**Skin protection:**

Wear appropriate protective clothing.

**General:**

The storage and use must be equipped with an eyewash facility and a safety shower.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance:	Colorless liquid
Smell:	no odor
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:	95cP
Vapor density:	no data
Evaporation rate:	no data
Molecular formula:	C <sub>9</sub> H <sub>20</sub> N <sub>2</sub> F <sub>2</sub> S <sub>2</sub> O <sub>4</sub>
Molecular weight:	322,35 g/mol

**10. STABILITY AND REACTIVITY**

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**Stability:**

Stable until 250°C

**Hazardous reactions:**

Hazardous polymerization will not occur.

**Materials to avoid:**

Strong oxidizing agents.

**Hazardous decomposition products:**

Hydrogen fluoride (HF), Nitrogen oxides (NO<sub>x</sub>), Carbon Monoxide (CO), Carbon dioxide (CO<sub>2</sub>).

**11. TOXICOLOGICAL INFORMATION**

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**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 by skin contact.

**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**

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### **Elimination information (persistence and degradability)**

No data available

### **Eco-toxicological effects**

No data available

### **Further information on ecology**

No data available

## **13. DISPOSAL CONSIDERATIONS**

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### **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**

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### **Land route (RID/ADR)**

Not regulated as a hazardous material

### **Airway (IMDG)**

Not regulated as a hazardous material

### **Waterway (IATA)**

Not regulated as a hazardous material

### **Environmental hazards**

ADR/RID: No data available

IMDG: No data available

IATA: No data available

### **Special precautions for user**

No data available

## **15. REGULATORY INFORMATION**

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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**

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