

# Safety data sheet

According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

- .Product name: D102
- . Type of product: Fluorinated grease

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

- . Use of the Substance/Mixture: vacuum pump lubricant
- . Recommended restrictions on use: Restricted to professional users.
- . Identified uses:
  - Electronic industry
  - Electrical industry
  - Chemical industry
  - For industrial use only.

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

The supplier :  
adixen Vacuum Products  
98 avenue de Brogny  
BP 2069  
74009 Annecy cedex  
France  
Phone : +(33) 04 50 65 77 77  
Fax : +(33) 04 50 65 77 89  
Email : support-service@adixen.fr

### 1.4 Emergency telephone number

- .Emergency phone Nr: Ph. ORFILA (INRS): + 33 (0)1 45.42.59.

# Safety data sheet

## According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

**Trade name: D102**

(Contd. of page 1)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- .European regulation (EC) 1272/2008, as amended  
Not classified as hazardous according to the European regulation (EC) 1272/2008, as amended
- .European Directive 67/548/EEC or 1999/45/EC, as amended  
Not classified as hazardous according to European Directive 67/548/EEC or 1999/45/EC, as amended

#### 2.2 Label elements

- . No labeling

#### 2.3 Other hazards

- . Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation.
- . Do not handle until all safety precautions have been read and understood.

### SECTION 3: Composition/information on ingredients

#### 3.2 Preparation

- . Substance / Preparation: Preparation.
- . Components / Impurities: This product is not considered to be hazardous and does not contain hazardous components.

# Safety data sheet

## According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

**Trade name: D102**

(Contd. of page 2)

### **SECTION 4: First aid measures**

#### **4.1 Description of first aid measures**

- . If inhaled
  - Assure fresh air breathing. If breathing is difficult, give oxygen.
- . In case of eye contact
  - Rinse immediately with copious amounts of water. Seek medical attention if irritation develops.
- . In case of skin contact
  - Wash skin thoroughly with mild soap and water.
- . If swallowed
  - Rinse mouth. Obtain medical attention. Allow the victim to rest. Do not induce vomiting.

#### **4.2 Most important symptoms and effects, both acute and delayed**

- . Inhalation
  - Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation.
- . Skin contact
  - Repeated or prolonged skin contact may cause degreasing of the skin and dermatitis.
- . Eye contact
  - Vapours may cause painful eye irritation.

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

- .Treatment: For specialist advice physicians should contact the Poisons Information Service.

# Safety data sheet

## According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

**Trade name: D102**

(Contd. of page 3)

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- . Suitable extinguishing media:
  - All extinguishing media can be used.
- . Unsuitable extinguishing media:
  - Do not use a heavy water stream.

#### 5.2 Special hazards arising from the substance or mixture

- . When heated to decomposition, product emits dangerous fumes. ( Hydrogen fluoride. Corrosive vapours. )

#### 5.3 Advice for firefighters

- . Flammable class: Not flammable.
- . Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.
- . Special procedures: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
- . Surrounding fires: Use water spray or fog for cooling exposed containers.

# Safety data sheet

## According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

**Trade name: D102**

(Contd. of page 4)

### **SECTION 6: Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

- . General precautions: Remove ignition sources. May be dangerously slippery if spilled. Do not breathe fumes from fires or vapours from decomposition.
- . Personal precautions: No smoking. Equip cleanup crew with adequate protection. Avoid contact with skin and eyes.

#### **6.2 Environmental precautions**

- . Environmental precautions: Prevent entry to sewers and public waters ways. Notify authorities if product enters sewers or public waters ways.

#### **6.3 Methods and materials for containment and cleaning up**

- . Clean up methods: Collect spills and put it into appropriated container. Dispose via a licensed waste disposal contractor.

#### **6.4 Reference to other sections**

- . Refer to protective measures listed in sections 7 and 8.

### **SECTION 7: Handling and storage**

#### **7.1 Precautions for safe handling**

- . General: Provide good ventilation in process area to prevent formation of vapour. Avoid all unnecessary exposure. No naked lights. No smoking.
- . Handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. When using do not smoke. Avoid contact with skin and eyes. When using do not eat or drink. Do not breathe gas, fumes, vapour or spray.

# Safety data sheet

## According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

**Trade name: D102**

(Contd. of page 5)

### 7.2 Conditions for storage, including incompatibilities

. Storage: Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Provide local exhaust or general room ventilation. Keep away from food, drink and animal feed stuffs. Keep away from combustible material.

### 7.3 Specific end use(s)

For further information, please contact: Supplier

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- . Personal protection
- Respiratory protection: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of fire and/or explosion, do not breathe fumes. Where excessive vapour may result, wear approved respiratory protection.
- Skin protection: In case of possible repeated skin contact wear suitable protective clothing.
- Eye protection: Eye protection should only be necessary where liquid could be splashed or sprayed.
- Hand protection: In case of repeated or prolonged contact wear suitable gloves.
- Ingestion: When using, do not eat, drink or smoke.
- Industrial hygiene: Provide good ventilation in process area to prevent formation of vapour.

### 8.2 Exposure controls

- . No data available

# Safety data sheet

## According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

**Trade name: D102**

(Contd. of page 6)

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical state at 20 °C : Grease.  
Colour : White.  
Odour : Characteristic.  
pH value : Not applicable.  
Flash point [°C] : Not applicable.  
Density : ca 1.9  
Solubility in water [vol/vol] : Material insoluble in water.  
Decomposition point [°C] : > 350  
Viscosity : Not applicable.

#### 9.2 Other information

.Remarks: No data

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

. No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

. Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

. Hazardous reactions: None under normal conditions.  
. Hazardous properties: None under normal conditions.

# Safety data sheet

## According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

**Trade name: D102**

(Contd. of page 7)

### 10.4 Conditions to avoid

. When heated to decomposition, product emits dangerous fumes.

### 10.5 Incompatible materials

. Materials to avoid: Strong bases. Strong acids. Strong oxidizers.

### 10.6 Hazardous decomposition products

. Hazardous decomposition products: None under normal conditions.

When heated to decomposition, product emits dangerous fumes. Thermal decomposition generates: Hydrogen fluoride. Carbon dioxide. Carbon monoxide. Corrosive vapours.

## SECTION 11: Toxicological information

### 11.1 Acute toxicity

- Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use. The thermal decomposition vapors of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco. Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation.
- Dermal: Repeated or prolonged skin contact may cause degreasing of the skin and dermatitis.
- Ocular: Vapours may cause painful eye irritation.



# Safety data sheet

## According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

**Trade name: D102**

(Contd. of page 8)

### SECTION 12: Ecological information

#### 12.1 Toxicity

. On product: Prevent entry to sewers and public waters ways.

#### 12.2 Persistence and degradability

. No data available.

#### 12.3 Bioaccumulative potential

. Result: no data available

#### 12.4 Mobility in soil

. No data available

#### 12.5 Results of PBT and vPvB assessment

. No data available

#### 12.6 Other adverse effects

. Ecological effects information: Not soluble in water, so only minimally biodegradable.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

. General: Dispose in a safe manner in accordance with local/national regulations.

. Disposal method: In accordance with local / national regulations may be taken to waste disposal site.

#### 13.2. Contaminated packaging

. Empty containers can be landfilled, when in accordance with the local regulations.

# Safety data sheet

## According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

**Trade name: D102**

(Contd. of page 9)

### SECTION 14: Transport information

#### 14.1 UN-Number

- . ADR: not regulated
- . IATA: not regulated
- . IMDG: not regulated
- . RID: not regulated

#### 14.2 UN proper shipping name

- . ADR: not regulated
- . IATA: not regulated
- . IMDG: not regulated
- . RID: not regulated

#### 14.3 Transport hazard class(es)

- . ADR: not regulated
- . IATA: not regulated
- . IMDG: not regulated
- . RID: not regulated

#### 14.4 Packing group

- . ADR: not regulated
- . IATA: not regulated
- . IMDG: not regulated
- . RID: not regulated

#### 14.5 Environmental hazards

- . Not regulated

#### 14.6 Special precautions for user

- . Emergency action in case of accident: Stop the engine. No naked lights. No smoking. Mark roads and warns other road users. Keep public away from danger area. NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- . Not regulated

# Safety data sheet

## According to 1907/2006/EC, article 31

Printing date:2014-08-26

Version: 3EN

Revision: 2014-02-14

**Trade name: D102**

(Contd. of page 10)

### SECTION 15: Regulatory information

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

Ensure all national/local regulations are observed.

Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.

- Symbol(s): None.
- R Phrase(s): None.
- S Phrase(s): None.

### SECTION 16: Other information

#### Sources

Safety data sheet of the supplier

#### Other

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.