

# Safety data sheet

According to 1907/2006/EC, article 31

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

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

### **1.1 Product identifier**

.Product name: A111

### **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@pfeiffer-vacuum.fr

### **1.4 Emergency telephone number**

.Emergency phone Nr: Ph. ORFILA (INRS): + 33 (0)1 45.42.59.59

# Safety data sheet

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

Printing date: 2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(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

Is not classified as flammable but will burn producing toxic gases (see Section 5).

The product is not expected to be readily biodegradable and, hence could be persistent.

May cause long-term adverse effects in the aquatic environment.

Do not handle until all safety precautions have been read and understood.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Description : Long-chain alkaryl hydrocarbon.

Concentration

| Substance name:                    | Concentration | Classification |
|------------------------------------|---------------|----------------|
| <b>Alkaryl hydrocarbon polymer</b> | 100%          | R 53           |

See Section 16 for the full text of the R phrases used in this Section.

# Safety data sheet

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

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 2)

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

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

. If inhaled

Remove to fresh air. If rapid recovery does not occur, obtain medical attention.

. In case of eye contact

Flush the eye immediately with water. If discomfort persists, obtain medical attention.

. In case of skin contact

Remove contaminated clothing. Wash skin with soap and water. If persistent discomfort occurs, obtain medical attention. Wash contaminated clothing

. If swallowed

If swallowed, do not induce vomiting. Wash out the mouth with water and obtain medical attention immediately. Do not give anything by mouth to an unconscious person.

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

. Inhalation

- No known effect.

. Skin contact

- No known effect.

. Eye contact

- No known effect.

. Ingestion

- No known effect.

#### **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:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 3)

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

- . Suitable extinguishing media:  
Carbon dioxide - dry chemical - foam - water fog.
- . Unsuitable extinguishing media:  
Water in a jet.

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

- . Normal combustion forms carbon dioxide, water vapor and smoke. Incomplete combustion may produce carbon monoxide. See also chapter 10: Stability and Reactivity.

#### **5.3 Advice for firefighters**

- . For fire involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self contained breathing apparatus.

# Safety data sheet

According to 1907/2006/EC, article 31

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

Trade name: A111

(Contd. of page 4)

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

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

- . Avoid contact with skin, eyes and clothing.
- . Wear protective clothing specified for normal operations (see section 8).

### **6.2 Environmental precautions**

- . Prevent contamination of soil and water. Prevent from spreading or entering into drains or watercourses by using sand, earth, or other appropriate barriers.

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

- . Absorb or contain liquid with sand, earth, or spill control material. Shovel up and place in a labelled, sealable container for subsequent safe disposal.
- . If large spillage, Transfer to a salvage tank for recovery or safe disposal. Treat residues as for small spillages.

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

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

# Safety data sheet

According to 1907/2006/EC, article 31

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 5)

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

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

- . Avoid prolonged or repeated contact with skin. Do not breathe vapor
- . Handling temperature : Ambient

### **7.2 Conditions for storage, including incompatibilities**

- . Keep container tightly closed in a cool, well-ventilated place.
- . Keep away from direct sunlight and other sources of heat or ignition.
- . Material will accumulate static charge, which may cause an electrical spark (ignition source). Use grounding procedures. For containers, mild steel, stainless steel.

### **7.3 Specific end use(s)**

For further information, please contact: Supplier

# Safety data sheet

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

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 6)

### **SECTION 8: Exposure controls/personal protection**

#### **8.1 Control parameters**

- . Occupational Exposure Standards: None established.
- . Engineering Control Measures: Use only in well-ventilated areas.

#### **8.2 Exposure controls**

- . Respiratory Protection: Not normally required.
- . Hand Protection Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection: nitrile, PVC.
- . Environmental exposure controls
  - Dispose of rinse water in accordance with local and national regulations.
- . Eye Protection: Chemical splash goggles (chemical monogoggles).  
Approved to EU standard EN166, AS/NZS:1337.
- . Body Protection: Standard issue work clothes, safety shoes or boots – chemical resistant.

# Safety data sheet

According to 1907/2006/EC, article 31

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 7)

## **SECTION 9: Physical and chemical properties**

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

. General Information:

Physical State: Liquid

Appearance: Colorless/pale yellow

Odor: Light hydrocarbon

Boiling point initial: >300°C

Melting point: Not applicable

Pour point: -27°C (typical)

Flash point: 195°C (typical)

Relative Density: 0.870 at 15°C (typical)

Solubility: Soluble in hydrocarbon solvents, insoluble in water (<1 mg/l).

Partition coefficient (n-octanol:water): Expected to be >3

Viscosity at 40°C: 97 mm<sup>2</sup>/s (typical)

### **9.2 Other information**

.Remarks: No data



# Safety data sheet

According to 1907/2006/EC, article 31

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

Trade name: A111

(Contd. of page 8)

## **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**

. No dangerous reaction known under conditions of normal use.

### **10.4 Conditions to avoid**

. Strong acids. Strong oxidising agents.

### **10.5 Incompatible materials**

. None known.

### **10.6 Hazardous decomposition products**

. No hazardous decomposition. Carbon monoxide may result from incomplete combustion.

# Safety data sheet

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

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 19)

### **SECTION 11: Toxicological information**

#### **11.1 Acute toxicity**

- . Basis For Assessment: Information given is based on the toxicology of closely related products.
- . Acute Toxicity – Oral: Expected to be of low toxicity. LD50 (oral, rat) : >5000 mg/kg
- . Acute Toxicity – Dermal: Expected to be of low toxicity. LD50 (rat) : >2000 mg/kg
- . Acute Toxicity: Inhalation Not Established
- . Eye Irritation: Not expected to be an eye irritant.
- . Skin Irritation: Not expected to be a skin irritant.
- . Skin Sensitization: Not expected to be a skin sensitizer.

# Safety data sheet

According to 1907/2006/EC, article 31

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 10)

## **SECTION 12: Ecological information**

Eco toxicological data have not been determined specifically for this product. The information given below is based on knowledge of the components and the eco toxicology of similar products.

### **12.1 Toxicity**

. Acute Toxicity – Fish: Not harmful to fish at the limit of solubility (<1 mg/l).

### **12.2 Persistence and degradability**

. Abiotic degradation:  
- Result: no data available

. Biodegradation:  
- non-biodegradable

May cause long-term adverse effects in the aquatic environment.

### **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 injuries are not known or expected under normal use.

# Safety data sheet

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

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 11)

### **SECTION 13: Disposal considerations**

#### **13.1 Waste treatment methods**

- . The European Waste Category (E.W.C) for this material is: 13-02-XX. The user must be aware that the conditions of use may affect the waste classification after use (see EU Directive 2001/118/EC)
- . Do NOT dispose by either landfill or via municipal sewers, drains, streams or rivers. Recover or recycle if possible. Otherwise: incineration in appropriate equipment.

#### **13.2. Contaminated packaging**

- . Drain containers thoroughly and dispose through a licensed contractor

# Safety data sheet

According to 1907/2006/EC, article 31

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 12)

## **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**

- . Not regulated

### **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:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 13)

### **SECTION 15: Regulatory information**

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

. EC Classification: None

EC Symbols: None

EC Risk Phrases: R53 May cause long-term adverse effects in the aquatic environment.

EC Safety Phrases: S61 Avoid release to the environment. Refer to special instructions/Safety Data Sheet. WGK

Classification WGK = 1 (self-classification)

#### **INTERNATIONAL REGISTRATION:**

EC (EINECS): In compliance.

US (TSCA): In compliance.

Japan (MITI): In compliance.

Canada (DSL): In compliance.

Australia (AICS): In compliance.

# Safety data sheet

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

Printing date:2019-06-04

Version: 11EN

Revision: 2016-01-06

**Trade name: A111**

(Contd. of page 14)

### **SECTION 16: Other information**

#### **R Phrases**

R 53 May cause long-term adverse effects in the aquatic environment.

#### **National Regulations**

Reference should be made to national laws that implement the relevant regulatory provisions and any other national measures not covered in this data sheet.

#### **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.