

## Material Safety data sheet according to 1907/2006/EC, Article 31

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

#### 1.1 Product identifier

- **Trade name: Apiezon W Wax**
- **Article number: 51-1625-0732**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against.** No further relevant information available.
- **Application of the substance / the preparation: WAX**
- **1.3 Details of the supplier of the safety data sheet Supplier:**  
Oxford Instruments NanoAnalysis  
Halifax Rd, High Wycombe HP12 3SE  
United Kingdom  
Tel: +44 (0) 1494 442255
- Further information obtainable from: Technical Support

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008  
The substance is not classified, according to the CLP regulation.

#### 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void

#### 2.3 Other hazards

- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.1 Chemical characterisation: Substances

- CAS No. Description  
64741-56-6 Apiezon Wax W
- Identification number(s)
- EC number: 265-057-8

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available

**Trade name: Apiezon W Wax**

### SECTION 5: Firefighting Measures

5.1 Extinguishing media

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

- 5.3 Advice for firefighters
- Protective equipment: No special measures required

### SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Not required.

- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Pick up mechanically.
- 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

7.1 Precautions for safe handling No special measures required.

- Information about fire - and explosion protection: No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage: Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- 7.3 Specific end use(s) No further relevant information available

### SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

- 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace: Not required.
- Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

**Personal protective equipment: General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

- Respiratory protection: Not required.

• **Protection of hands:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- Eye protection: Not required

**Trade name: Apiezon W Wax**

**SECTION 9: Physical and chemical properties**

•9.1 Information on basic physical and chemical properties. General Information:

- Appearance: Form: Solid, black • Odour: Odourless
- **Change in condition:** Melting point/freezing point: 80-90 °C
- Initial boiling point and boiling range: >320 °C
- Flash point: 338 °C
- Flammability (solid, gas): Product is not flammable.
- Ignition temperature: >400 °C
- Decomposition temperature: Not determined.
- Auto-ignition temperature: Not determined.
- Explosive properties: Product does not present an explosion hazard.
- Explosion limits: Lower: Not determined.

**Upper: Not determined.** Vapour pressure at 20 °C: 6-9 hPa

- Density at 20 °C: 1.055 g/cm<sup>3</sup>
- Relative density Not determined.
- Vapour density Not applicable.
- Evaporation rate Not applicable.
- Solubility in / Miscibility with

water: Not determined. Partition coefficient: n-octanol/water: Not determined. Viscosity: Dynamic: Not applicable. Kinematic: Not applicable.

**SECTION 10: Stability and reactivity**

10.1 Reactivity No further relevant information available.

- 10.2 Chemical stability: Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

**SECTION 11: Toxicological information**

11.1 Information on toxicological effects

- Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:  
Dermal LD50 >2,000 mg/kg (rabbit)
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

**SECTION 12: : Ecological information**

12.1 Toxicity

- Aquatic toxicity: No further relevant information available.

**Trade name: Apiezon W Wax**

### SECTION 12: Continued...

12.2 Persistence and degradability No further relevant information available.

- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- 12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.

### SECTION 13: Disposal Considerations

13.1 Waste treatment methods

- Recommendation Smaller quantities can be disposed of with household waste.
- Recommendation: Disposal must be made according to official regulations.

### SECTION 14: Transport Information

- 14.1 UN-Number
- ADR, IMDG, IATA Void
- 14.2 UN proper shipping name
- ADR, IMDG, IATA Void
- 14.3 Transport hazard class(es)
- ADR, ADN, IMDG, IATA
- Class Void
- 14.4 Packing group
- ADR, IMDG, IATA Void
- 14.5 Environmental hazards: Not applicable.
- 14.6 Special precautions for user Not applicable.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.
- UN "Model Regulation": Void

### SECTION 15: Ecological information

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

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I Substance is not listed.

### SECTION 16: Other information

This information is based on our present knowledge and should assist the user with the safe handling of this material when properly applied. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.