

## 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: Quick Stick 135**

**Article number: 51-1625-0884**

• **1.2 Relevant identified uses of the substance or mixture and uses advised against.** NA

• **Application of the substance / preparation:** Laboratory Chemical

Uses advised against: None.

#### • **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 health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. corrosion

Eye Dam. 1 H318 Causes serious eye damage. Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction. STOT SE 3 H335 May cause respiratory irritation.

#### • **2.2 Label elements**

• Labelling according to Regulation (EC) No 1272/2008. The product is classified and labelled according to the CLP regulation.

• Hazard pictograms GHS05 GHS07 GHS08

• Signal word Danger • Hazard-determining components of labelling: Phthalic Anhydride • Hazard statements

**H315 Causes skin irritation.**

**H318 Causes serious eye damage.**

**H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.**

**H317 May cause an allergic skin reaction.**

**H335 May cause respiratory irritation.**

• Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

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/doctor. P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• 2.3 Other hazards

• Results of PBT and vPvB assessment

• PBT: Not applicable. vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2 Chemical characterisation: Mixtures

• Description: Mixture of substances listed below with nonhazardous additions. Dangerous components:

**CAS: 85-44-9 EINECS: 201-607-5**

Phthalic Anhydride: Resp. Sens. 1, H334; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335 >50- 100%

CAS: 107-21-1 EINECS: 203-473-3 Ethylene Glycol: Acute Tox. 4, H302 >25- 50%

• Additional information: For the wording of the listed hazard phrases refer to section 16.

**Trade name: QUICK STICK 134**

**SECTION 4: First aid measures**

4.1 Description of first aid measures

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: Supply fresh air. No adverse effects are anticipated from inhalation.
- After skin contact: Wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- 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. Further information: Cool closed containers exposed to fire with water spray.

**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

Wear protective gloves and glasses.

- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Use neutralising agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

- 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 Thorough dedusting. Ensure good ventilation/exhaustion at the workplace.

- 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: Keep container tightly sealed.
- 7.3 Specific end use(s) No further relevant information available

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

**8.1 Control parameters**

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

- Ingredients with limit values that require monitoring at the workplace:

85-44-9 Phthalic Anhydride - WEL Short-term value: 12 mg/m<sup>3</sup>

Long-term value: 4 mg/m<sup>3</sup> Sen 107-21-1 Ethylene Glycol

WEL Short-term value: 104\*\* mg/m<sup>3</sup>, 40\*\* ppm

Long-term value: 10\* 52\*\* mg/m<sup>3</sup>, 20\*\* ppm Sk \*particulate \*\*vapour

- Additional information: The lists valid during the making were used as basis.

**8.2 Exposure controls**

- Personal protective equipment: • General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work. Avoid contact with the skin.

Avoid contact with the eyes and skin.

**Trade name: QUICK STICK 13**

**SECTION 8: Continued....**

**Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- Protection of hands: Protective gloves

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- 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:** Tightly sealed goggles

**SECTION 9: Physical and chemical properties**

9.1 Information on basic physical and chemical properties

- General Information
- Appearance: Form: Solid Colour: Clear
- Odour: Characteristic
- Odour threshold: Not determined.
- pH-value: Not applicable.
- Change in condition: Melting point/freezing point: Undetermined.
- Initial boiling point and boiling range: >100 °C
- Flash point: 263 °C
- Flammability (solid, gas): Not determined.
- Ignition temperature: 410 °C. Decomposition temperature: Not determined.
- Auto-ignition temperature: Product is not selfigniting.
- Explosive properties: Product does not present an explosion hazard.
- Explosion limits: Lower: 1.7 Vol % Upper: 53 Vol %
- Vapour pressure at 20 °C: 0.1 hPa
- Density: Not determined. Relative density Not determined.
- Vapour density Not applicable. Evaporation rate Not applicable.
- Solubility in / Miscibility with water: Insoluble.
- Partition coefficient: n-octanol/water: Not determined.
- Viscosity: Dynamic: Not applicable. Kinematic: Not applicable.
- Solvent content: Solids content: 100.0 %
- 9.2 Other information No further relevant information available

**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

**Trade name: QUICK STICK 134**

**SECTION 11: Continued.....**

**LD/LC50 values relevant for classification:**

- 85-44-9 Phthalic Anhydride Oral LD50 4,200 mg/kg (rat)
  - 107-21-1 Ethylene Glycol Oral LD50 4,700 mg/kg (rat) Dermal LD50 10,626 mg/kg (rabbit)
  - Specific symptoms in biological assay: Skin corrosion/irritation: Causes skin irritation.
  - Serious eye damage/irritation: Causes serious eye damage.
  - Respiratory or skin sensitisation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- May cause an allergic skin reaction. **Additional toxicological information:**
- 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
- May cause respiratory irritation.
- 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.
  - 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. Must not reach sewage water or drainage ditch undiluted or unneutralised.
- 12.5 Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
  - 12.6 Other adverse effects No further relevant information available.

**SECTION 13: Disposal Considerations**

- 13.1 Waste treatment methods
- Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system. 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 None of the ingredients is listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out

**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.