

# SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Created on: 16/06/2020

Revised on: not required

Valid from: 17/06/2020

Version: 01

Replaced version: not  
required

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

### 1.1 Product identifier

PIK3CA-E542K 50 % AF FFPE Reference Standard curl (SID-000105)

Index No.: not available

EC-No.: not available

CAS-No.: not available

REACH No.: There is no registration.

Other names: not available

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

#### Relevant identified uses:

Use as laboratory reagent – for scientific research and development

#### Uses advised against:

Not for consumer use.

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

Manufacturer / Supplier: SensID GmbH

Street/PO Box: Schillingallee 68

Country-Code/Postcode/City: D-18057 Rostock

#### Point of contact for technical Support

Phone / Fax / E-Mail

+49(0)38137718201 / +49(0)38137718200 / E-Mail: support@sens-id.com

### 1.4 Emergency Phone No.

SensID GmbH +49 (0) 38137718201 / Reachability: on weekdays CET 8.00 (AM)–16.00 (PM)

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## Section 2: Hazards identification

### 2.1 Classification

Classification according to Regulation (EC) No 1272/2008

The package contains FFPE block. No dangerous substance or dangerous mixture.

No hazardous ingredient is present in an amount that requires labelling.

### 2.2 Label Elements

not required

Label elements according to (EC) No. 1272/2008

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The product does not need to be labelled in accordance with EC directives or respective national laws.

Hazard-determining components for labelling contains: not required

Hazard statements: not required

Precautionary statements: not required

Other labelling elements EU notes on specific hazards: not required

## 2.3 Other dangers

Physical hazards  
harmless

Specific effects  
No carcinogenic effects  
No genetic alteration  
No reproductive toxicity  
No sensitization

## Section 3: Composition/Information on Ingredients

### 3.1 Substances

| Component       | Ingredient                              | CAS#      |
|-----------------|-----------------------------------------|-----------|
| Paraffin        | Paraffin waxes and<br>Hydrocarbon waxes | 8002-74-2 |
| Polyisobutylene | Polyisobutylene                         | 9003-27-4 |

### 3.2 Mixtures

There are no additional ingredients that are reportable or classified as hazardous to health or environment according to the current state of knowledge of the supplier in the applicable concentration.

## Section 4: First aid measures

### 4.1 Description of the first aid measure

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### General information

No special actions required.

### Following inhalation

Move to fresh air. In case of respiratory arrest give artificial respiration with additional oxygen.

### Following skin contact

The product does not irritate skin. Wash off with plenty of water. remove contaminated clothing as a precaution.

### Following eye contact

Rinse out with plenty of water with the eyelids held wide open.

Arrange medical treatment.

### Following ingestion

Wash mouth out with water. Never give water to an unconscious person. Do not induce vomiting without medical advice.

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

The main known symptoms and effects are described on the label (see section 2.2) and / or in chapter 11.

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

No data available.

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### Section 5: Firefighting measures

#### 5.1 Not applicable. Standard equipment is sufficient.

Suitable extinguishing media: water spray, Carbon dioxide (CO<sub>2</sub>), foam, dry chemicals

Unsuitable extinguishing media: not available

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

Hazardous combustion products: No further known.

#### 5.3 Advice for fire fighters

Wear self-contained breathing apparatus and protective clothing.

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### Section 6: Accidental release measures

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

Personal precautions

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

Personal protective equipment

Use personal protective equipment.

#### 6.2 Environmental precautions

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Avoid further leakage or spillage if safe to do so. Do not discharge into drains or rivers.

### 6.3 Methods and material for containment and cleaning up

For containment

Prevent further leakage or spillage if safe to do so.

For cleaning up

Soak up with inert absorbent material

### 6.4 Reference to other sections

See section 12 for additional information.

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### Section 7: Handling and Storage

#### 7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothes. Wear personal protective equipment.

#### 7.2 Conditions for safe storage, including any incompatibilities

##### Information on storage conditions

General good laboratory practice should be maintained. Store in properly labelled containers.

Keep container tightly closed until ready for immediate use. Do not store in unmarked containers.

Take care to keep workplace clean and dry.

Avoid general contact by handling, wear gloves and lab coat.

Store the package with the lids tightly closed at 2-8°C preferably in the dark.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

### Section 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational exposure limits / or biological values

No known values.

#### 8.2 Exposure controls

##### Suitable technical control equipment

Provide adequate ventilation, especially in confined areas.

##### Personal protective equipment

**Eye / face protection:** Wear safety glasses with side shields

**Skin / body protection:** Wear suitable protective clothing and gloves.

##### Respiratory protection

No action needed

##### Heat / Cold protection

No action needed.

##### Environmental exposure controls

See Section 12.

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### Section 9: Physical and chemical properties

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

Physical state: solid

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|                                               |                             |
|-----------------------------------------------|-----------------------------|
| Appearance:                                   | white colour, translucent   |
| Odour:                                        | odourless                   |
| Odour threshold:                              | no information available    |
| pH-value:                                     | no information available    |
| Melting point/Freezing point:                 | 56 °C / 132.8 °F            |
| Boiling point / boiling range:                | > 288 °C / 550.4 °F         |
| Flash point:                                  | > 204 °C / > 399.2 °F       |
| Evaporation rate:                             | No information available    |
| Flammability (solid, gas):                    | No information available    |
| Upper/Lower flammability or explosive limits: | No information available    |
| Vapor pressure:                               | < 0.1 mmHg @ 20 °C          |
| Vapor density:                                | 0.81 g/l                    |
| Relative Density:                             | no information available    |
| Solubility:                                   | no information available    |
| Partition: n-octanol/water:                   | No data available           |
| Decomposition temperature:                    | no information available    |
| Auto-ignition temperature:                    | no information available    |
| Viscosity:                                    | no information available    |
| Explosive properties:                         | Mixture has not been tested |
| Oxidising properties:                         | Mixture has not been tested |

## 9.2 Other information

No data available.

## Section 10: Stability und Reactivity

10.1

**Reactivity:** Not known under normal environmental conditions.

10.2

**Chemical stability:** Stable under normal conditions and under the temperature and pressure conditions expected during storage and handling.

10.3

**Possibility of hazardous reactions:** No information available.

10.4

**Conditions to avoid:** No information available.

10.5

**Incompatible materials:** No information available.

10.6

**Hazardous decomposition products:** None in normal processing.

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

|                              |                           |
|------------------------------|---------------------------|
| Acute Toxicity:              | No information available. |
| Skin corrosion / irritation: | No information available. |

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|                                                                              |                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye damage / irritation:                                                     | Is not classified as seriously damaging to the eyes or irritating to the eyes.                                                                                                                                                                                                                                                                                     |
| Sensitisation to the respiratory tract/skin:                                 | Is not classified as an inhalation or skin allergen.                                                                                                                                                                                                                                                                                                               |
| Germ cell mutagenicity:                                                      | Not classified as germ cell mutagen.                                                                                                                                                                                                                                                                                                                               |
| Carcinogenicity:                                                             | Not classified as a carcinogen.                                                                                                                                                                                                                                                                                                                                    |
| Reproductive toxicity:                                                       | Not classified as toxic to reproduction.                                                                                                                                                                                                                                                                                                                           |
| STOT – single exposure:                                                      | Is not classified as specific target organ toxicant (single exposure).                                                                                                                                                                                                                                                                                             |
| STOT – repeated exposure:                                                    | Is not classified as specific target organ toxicant (repeated exposure).                                                                                                                                                                                                                                                                                           |
| Aspiration hazard:                                                           | Is not classified as aspiration hazard.                                                                                                                                                                                                                                                                                                                            |
| Symptoms related to the physical, chemical and toxicological characteristics | <p><b>In case of ingestion:</b> Not known.</p> <p><b>In case of eye contact:</b> May cause eye irritation.</p> <p><b>In case of inhalation:</b> No data available</p> <p><b>In case of skin contact:</b> Not known.</p> <p><b>Further information:</b> None</p> <p><b>Information on toxicokinetic, metabolism and distribution:</b> No information available.</p> |

## Section 12: Ecological information

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| 12.1 Ecotoxicity                          | No information available.           |
| 12.2 Persistence and degradability:       | The fabric is easily biodegradable. |
| 12.3 Bioaccumulative potential:           | No information available            |
| 12.4 Mobility in soil:                    | No information available            |
| 12.5 Results of PBT- and vPvB-assessment: | No information available.           |
| 12.6 Other adverse effects:               | No information available.           |

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

No special procedures known. If necessary, clarify with the local disposal companies whether the product used is classified as dangerous.

#### Treatment of contaminated packaging

Disposal according to official regulations.

#### Waste code according to Waste Catalogue Ordinance (AVV)

Unavailable.

#### Special precautions

No special actions required.

#### relevant EU or other provisions

Not required.

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### Section 14: Transport information

Transport information is omitted as no special conditions apply.

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### Section 15: Regulatory information

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

There is no listing in the relevant provisions of the European Union (EU).

National regulations Germany:

Water hazard class: none

Other relevant regulations

is not included

#### 15.2 Chemical safety assessment

Not available.

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### Section 16: Other information

The information in this SDS is provided in good faith based on our knowledge, but they do not constitute an assurance of product properties and do not establish a contractual relationship. The information contained in this SDS should not be considered as exhaustive and only serve as a guide. All materials and mixtures can harbour unknown hazard and should be used with care. Since conditions of use of the product are not under the control of SensID GmbH, it is the duty of the buyer/user to determine the necessary conditions for the safe use of the product. SensID GmbH will not be liable for any damages resulting from handling or contact with the product.

Changes compared to the last version:

No changes, version 01.

Important literature and data sources:

- Regulation (EC) No 1907/2006 (REACH), as amended by 2015/830 / EU
- Regulation (EC) No 1272/2008 (CLP, EU-GHS)

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required**Abbreviation**

|           |                                                                                                                                                      |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAS       | Chemical Abstracts Service ((database of chemical compounds and their unique key, the CAS Registry Number)                                           |
| CLP       | Classification, Labelling and Packaging of substances and mixtures                                                                                   |
| EC        | European Community                                                                                                                                   |
| EC-No.    | EC-No. The EC Inventory (EINECS, ELINCS and the NLP directory) is the source of the seven-digit EC number as a substance index in the European Union |
| FFPE      | formaldehyde-fixed paraffin-embedded tissue                                                                                                          |
| Index-No. | The index number is the identification code specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008                                          |
| g/l       | grams per litre                                                                                                                                      |
| °C        | degree Celsius                                                                                                                                       |
| °F        | degree Fahrenheit                                                                                                                                    |
| PBT       | Persistent, Bioaccumulative and Toxic                                                                                                                |
| REACH     | Regulation (EC) No 1907/2006 (REACH Regulation)<br>Registration, Evaluation, Authorization and Restriction of Chemicals                              |
| vPvB      | very Persistent and very Bioaccumulative                                                                                                             |
| STOT      | specific target organ toxicant                                                                                                                       |

End of safety data sheet.