

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

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

1.1 Product identifier

PIK3CA-E542K 100 % AF FFPE Reference Standard curl (SID-000101)

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)

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 labeling.

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 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.

Section 5: Firefighting measures

5.1 Not applicable. Standard equipment is sufficient.

Suitable extinguishing media: water spray, Carbon dioxide (CO₂), 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.

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

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

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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.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: solid

Appearance: white colour, translucent

Odour: odourless

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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.

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.

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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	In case of ingestion: Not known. In case of eye contact: May cause eye irritation. In case of inhalation: No data available In case of skin contact: Not known. Further information: None Information on toxicokinetic, metabolism and distribution: No information available.

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.

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.

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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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)
	Registration, Evaluation, Authorization and Restriction of Chemicals
vPvB	very Persistent and very Bioaccumulative
STOT	specific target organ toxicant

End of safety data sheet.