

Issuing Date 13-May-2021

Revision Date 14-Aug-2024

Revision Number 3.0

## 1. Identification

### Product identifier

Product Name Braskem Sensitis 17-21

### Other means of identification

Product Code(s) P520Q, P520

UN/ID no UN1268

Synonyms Alkanes, C10-14, iso-

### Recommended use of the chemical and restrictions on use

Recommended use Industrial use  
Degreasing  
Releasing agent  
Paint  
Corrosion inhibitor  
Personal care

Uses advised against No information available.

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

#### Manufacturer

Braskem S.A.  
Rua Eteno, 1561, Polo Petroquímico de Camaçari  
Camaçari, BA, CEP: 42810-000, Brasil  
Tel: +55 (71) 3413-3600

E-mail address productsafety@braskem.com

### Emergency telephone number

Emergency telephone CHEMTREC Brasil (Rio De Janeiro): +(55)-2139581449 Portuguese  
CHEMTREC Brasil (Sao Paulo): +(55)-1143491359 Portuguese  
CHEMTREC Brasil: 0800 892 0479 Portuguese  
CHEMTREC Internacional: +1 703-741-5970

## 2. Hazard(s) identification

### GHS Classification

UN GHS classification according to ABNT NBR 14725.

|                   |            |
|-------------------|------------|
| Flammable liquids | Category 3 |
|-------------------|------------|

### Label elements

**Signal word**

Warning

**Hazard statements**

Flammable liquid and vapor

**Precautionary Statements - Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Keep container tightly closed

Use explosion-proof electrical/ ventilating/ lighting/ equipment

Ground and bond container and receiving equipment

Use non-sparking tools

Take action to prevent static discharges

Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

No information available.

### 3. Composition/information on ingredients

Pure substance/mixture

Substance.

**Substance**

| Chemical name         | CAS No     | Weight-% |
|-----------------------|------------|----------|
| Alkanes, C10-14, iso- | 68551-18-8 | 100      |

**Mixture**

Not applicable.

### 4. First-aid measures

**Description of first aid measures****Inhalation**

Remove to fresh air.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

|   |   |
|---|---|
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.   |
| <b>Ingestion</b>                          | Clean mouth with water and drink afterwards plenty of water.  |
| <b>Self-protection of the first aider</b> | Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. |

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

|                         |                           |
|-------------------------|---------------------------|
| <b>Symptoms</b>         | No information available. |
| <b>Exposure Effects</b> | No information available. |

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

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

### **5. Fire-fighting measures**

|   |   |
|---|---|
| <b>Suitable Extinguishing Media</b>                   | Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam.   |
| <b>Unsuitable extinguishing media</b>                 | No information available.   |
| <b>Specific hazards arising from the chemical</b>     | Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| <b>Explosive properties</b>                           |   |
| <b>Sensitivity to static discharge</b>                | Yes.  |
| <b>Sensitivity to mechanical impact</b>               | None.   |
| <b>Special protective equipment for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.  |

### **6. Accidental release measures**

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

|                                 |  |
|---------------------------------|--|
| <b>Personal precautions</b>     | Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. |
| <b>Other information</b>        | Ventilate the area.  |
| <b>For emergency responders</b> | Use personal protection recommended in Section 8.  |

#### **Environmental precautions**

|                                  |  |
|----------------------------------|--|
| <b>Environmental precautions</b> | Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. |
|----------------------------------|--|

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

|  |   |
|--|---|
| <b>Methods for containment</b>         | Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. |
| <b>Methods for cleaning up</b>         | Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.  |
| <b>Prevention of secondary hazards</b> | Clean contaminated objects and areas thoroughly observing environmental regulations.  |

## 7. Handling and storage

### Precautions for safe handling

|                                |   |
|--------------------------------|---|
| <b>Advice on safe handling</b> | Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. |
|--------------------------------|---|

### Conditions for safe storage, including any incompatibilities

|                               |  |
|-------------------------------|--|
| <b>Storage Conditions</b>     | Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Keep/store only in original container. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. |
| <b>Incompatible materials</b> | Strong acids. Strong bases.  |

## 8. Exposure controls/personal protection

|                            |   |
|----------------------------|---|
| <b>Exposure guidelines</b> | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
|----------------------------|---|

### Appropriate engineering controls

|                             |   |
|-----------------------------|---|
| <b>Engineering controls</b> | Showers<br>Eyewash stations<br>Ventilation systems. |
|-----------------------------|---|

### Individual protection measures, such as personal protective equipment

|                                 |  |
|---------------------------------|--|
| <b>Eye/face protection</b>      | Tight sealing safety goggles.  |
| <b>Hand protection</b>          | Impervious gloves. Nitrile rubber. Polyvinyl chloride (PVC). Polyvinyl alcohol. For additional information, consult the PPE supplier.  |
| <b>Skin and body protection</b> | Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.  |
| <b>Respiratory protection</b>   | In case of insufficient ventilation, wear suitable respiratory equipment. A respiratory protection program compliant with all applicable regulations must be followed whenever |

workplace conditions require the use of a respirator. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

**Environmental exposure controls** No information available.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                       |                          |
|-----------------------|--------------------------|
| <b>Appearance</b>     | Clear liquid             |
| <b>Physical state</b> | Liquid                   |
| <b>Color</b>          | Colorless                |
| <b>Odor</b>           | No information available |
| <b>Odor threshold</b> | No information available |

| <u>Property</u>                                | <u>Values</u>                            | <u>Remarks • Method</u> |
|--|--|-------------------------|
| <b>pH</b>                                      | No data available                        | None known              |
| <b>Melting point / freezing point</b>          | < -80 °C                                 | None known              |
| <b>Initial boiling point and boiling range</b> | 170 - 210 °C                             | None known              |
| <b>Flash point</b>                             | 52 °C                                    | None known              |
| <b>Evaporation rate</b>                        | 0.08                                     | None known              |
| <b>Flammability</b>                            | No data available                        | None known              |
| <b>Flammability Limit in Air</b>               |  | None known              |
| <b>Upper flammability or explosive limits</b>  | 2.9%                                     |                         |
| <b>Lower flammability or explosive limits</b>  | 0.8%                                     |                         |
| <b>Vapor pressure</b>                          | 0.52 kPa                                 | @ 20 °C                 |
| <b>Vapor density</b>                           | No data available                        | None known              |
| <b>Relative density</b>                        | 0.75 - 0.76                              | Water = 1               |
| <b>Water solubility</b>                        | Insoluble in water                       | None known              |
| <b>Solubility(ies)</b>                         | Ethanol, Chloroform, Mineral oil 70      | None known              |
| <b>Partition coefficient</b>                   | No data available                        | None known              |
| <b>Autoignition temperature</b>                | 336 °C                                   | None known              |
| <b>Decomposition temperature</b>               | No data available                        | None known              |
| <b>Kinematic viscosity</b>                     | 1.563 - 1.775 mm <sup>2</sup> /s @20/4°C | None known              |
| <b>Dynamic viscosity</b>                       | 1.16 - 1.32 mPa s @20/4°C                | None known              |
| <b>Explosive properties</b>                    | No information available.                |                         |
| <b>Oxidizing properties</b>                    | No information available.                |                         |
| <b>Bulk density</b>                            | Not applicable                           |                         |
| <b>Particle characteristics</b>                | Not applicable                           |                         |
| <b>Particle size</b>                           | Not applicable                           |                         |

### Other information

|                         |                          |
|-------------------------|--------------------------|
| <b>Softening point</b>  | No information available |
| <b>Molecular weight</b> | No information available |
| <b>VOC Content (%)</b>  | No information available |
| <b>Liquid Density</b>   | No information available |

## 10. Stability and reactivity

### Reactivity

**Reactivity** None under normal use conditions.

**Sensitivity to static discharge** Yes.

**Sensitivity to mechanical impact** None.

#### Chemical stability

**Stability** Stable under normal conditions.

#### Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

#### Conditions to avoid

**Conditions to avoid** Heat, flames and sparks. Extremes of temperature and direct sunlight. Overheating.

#### Incompatible materials

**Incompatible materials** Strong acids. Strong bases.

#### Hazardous decomposition products

**Hazardous decomposition products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). May release flammable gases.

## **11. Toxicological information**

### Information on likely routes of exposure

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

### Acute toxicity

#### **Numerical measures of toxicity**

No information available

**Unknown acute toxicity** 100 % of the mixture consists of ingredient(s) of unknown toxicity.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

|   |                           |
|---|---------------------------|
| <b>Respiratory or skin sensitization</b>                  | No information available. |
| <b>Germ cell mutagenicity</b>                             | No information available. |
| <b>Carcinogenicity</b>                                    | No information available. |
| <b>Reproductive toxicity</b>                              | No information available. |
| <b>Specific Target Organ Toxicity - Single Exposure</b>   | No information available. |
| <b>Specific Target Organ Toxicity - Repeated Exposure</b> | No information available. |
| <b>Target organ effects</b>                               | No information available. |
| <b>Neurological effects</b>                               | No information available. |
| <b>Aspiration hazard</b>                                  | No information available. |

## 12. Ecological information

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | The environmental impact of this product has not been fully investigated.                  |
| <b>Unknown aquatic toxicity</b>      | 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment. |
| <b>Persistence and degradability</b> | No information available.  |
| <b>Mobility in soil</b>              | No information available.  |
| <b>Bioaccumulation</b>               | No information available.  |




## 13. Disposal considerations

|  |  |
|--|--|
| <b>Waste from residues/unused products</b> | Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.  |

## 14. Transport information

In accordance with IMDG / IATA / ANTT

| ANTT             | IMDG | IATA |
|------------------|------|------|
| <b>UN number</b> |      |      |
| 1268             | 1268 | 1268 |

|   |   |   |
|---|---|---|
| <b>UN Proper Shipping Name</b>  |   |   |
| PETROLEUM DISTILLATES, N.O.S.<br>(Alkanes, C10-14, -iso)                          | PETROLEUM DISTILLATES, N.O.S.<br>(Alkanes, C10-14, -iso)                          | Petroleum distillates, n.o.s. (Alkanes,<br>C10-14, -iso)                            |
| <b>Primary risk class/subclass</b>  |   |   |
| 3   | 3   | 3   |
| <b>Subsidiary risk class/subclass</b>   |   |   |
| Not applicable  | Not applicable  | Not applicable  |
| <b>Danger labels</b>  |   |   |
| 3   | 3   | 3   |
|  |  |  |
| <b>Risk Identification Number</b>   |   |   |
| 30  | Not applicable  | Not applicable  |
| <b>Packing group</b>  |   |   |
| III   | III   | III   |
| <b>Environmental hazards</b>  |   |   |
| No  | No  | No  |

**14.2 Other information**

This information does not intend to convey all specific regulatory or operational requirements/information with regards to the product, therefore it cannot be considered exhaustive. Consult ANTT, IMO and ICAO instructions before transporting the product. The carrier is responsible for following all applicable laws, regulations and rules related to the product transportation.

**15. Regulatory information**

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

**Brazil**

See section 8 for national exposure control parameters

**International Regulations**

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

**International Inventories**

Contact supplier for inventory compliance status

**16. Other information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |



**Key literature references and sources for data used to compile the SDS**

U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

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**Revision Note** ABNT NBR 14725:2023 Update

**This safety data sheet was created pursuant to the requirements of: ABNT NBR 14725:2023.**

**Disclaimer**

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 a 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

**End of Safety Data Sheet**