



CONTROLUNION



ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE105-81842613

**Control Union Certifications Germany GmbH
Dorotheastr. 30, D-10318 Berlin, Germany**

certifies that

**Braskem S.A. - Unidade Q2 RS
Rodovia BR 386 (Tabaí-Canoas), KM 419, Via de Contorno 850, 95853-000 Triunfo/ Rio
Grande do Sul
BRAZIL**

complies with the requirements of the certification system

**ISCC PLUS
(International Sustainability and Carbon Certification)**

Place of the audit

(if different from the legal address of the system user as stated above; only applicable for traders and traders with storage):

n.a.

This certificate is valid from 14.07.2023 to 13.07.2024.

The site of the system user is certified as:

Cracker unit

The scope of the certificate includes the following chain of custody options:
(not applicable for paper traders)

Mass Balance

Berlin, 14.07.2023

Place and date of issue



Stamp, Signature of issuing party

The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 1 (no adjustments) / 14.07.2023



Annex to the certificate:

Sustainable materials handled by the certified site

(This annex is applicable for all scopes except of Trader, Trader with storage, Warehouse, Logistic centres, MTBE and ETBE)

This annex is only valid in connection with the certificate:

ISCC-PLUS-Cert-DE105-81842613 issued on 14.07.2023

| Input material | Output material | Add-ons (voluntary) ¹⁾ | Raw material category ²⁾ | SAI FSA ³⁾ | FEFAC ⁴⁾ |
|--|---|-----------------------------------|-------------------------------------|-----------------------|---------------------|
| Ethanol | Ethylene | n.a. | Bio | n.a. | n.a. |
| Pyrolysis Oil (Mixed Plastic Waste) | Ethylene, Propylene, Butadiene, C4 (Butane), C4, Toluene, Mixed Xylenes, C6 (N-hexane), Benzene | n.a. | Circular | n.a. | n.a. |
| Naphta (Pyrolysis Oil (Mixed plastic waste)) | Ethylene, Propylene, Butadiene, C4 (Butane), C4, Toluene, Mixed Xylenes, C6 (N-hexane), Benzene | n.a. | Circular | n.a. | n.a. |
| Naphta (HVO (vegetable oils)) | Ethylene, Propylene, Butadiene, Benzene, C4, Toluene, Mixed Xylenes, C6 (N-hexane), C4 (Butane) | n.a. | Bio | n.a. | n.a. |
| Naphta (HVO (UCO, animal fat)) | Ethylene, Propylene, Butadiene, Benzene, C4, Toluene, Mixed Xylenes, C6 (N-hexane), C4 (Butane) | n.a. | Bio-Circular | n.a. | n.a. |

¹⁾ ISCC PLUS add-ons (voluntary application, see www.iscc-system.org for further information):

- 202-04: Food Security Standard
- 205-01: GHG emission requirements
- 205-02: Consumables
- 205-03: Non GMO for food and feed
- 205-04: Non GMO for technical markets

²⁾ Bio raw materials complies with the ISCC Principles 1 – 6 for the cultivation and harvesting of sustainable biomass. Bio-circular and circular raw materials meet the ISCC definition of waste or residue, i.e. it was not intentionally produced and not intentionally modified, or contaminated, or discarded, to meet the definition of waste or residue. For circular raw materials, the voluntary information about PIR (post-industrial recycling) or PCR (post-consumer recycling) material can be stated in brackets.



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| 3) | Farm Sustainability Assessment (FSA) was developed by the Sustainable Agriculture Initiative (SAI) |
| | SAI Gold Compliance: ISCC Compliant can be claimed as "SAI FSA 3.0 Gold Level Equivalence" |
| 4) | FEFAC: European Feed Manufacturers' Federation. ISCC compliant materials can be claimed as "in line with FEFAC soy sourcing guidelines 2015" |

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