

## Certificate

according to the  
**Renewable Energy Directive (RED)**

(DIRECTIVE 2009/28/EC of the SOUTH AFRICA PARLIAMENT and of THE COUNCIL of 23 April 2009 on the promotion of the use of energy from renewable sources)

**Certificate Number: SA-ISCC-Cert-US201-70600174**

**SCS Global Services**  
**2000 Powell Street, Merville, CA 94608, SA**

certifies that

**Tropical Line Trading**  
**No 9, Meul Street George, George Industrial 6536**

complies with the requirements of the RED and the certification system

**ISCC SA**  
**(International Sustainability and Carbon Certification)**  
which is approved by the South Africa Commission.

**This certificate is valid from 13.05.2017 to 13.05.2018.**

The certified site of the system user is a (type of operation):

**Point of origin, refinery,  
biodiesel plant and trader**

11 May 2017 Merville, SA  
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) / 29.06.2017

### Annex to the certificate:

#### Sustainable materials handled by the certified site

(only applicable for material handled under the scope as: farm/plantation, point of origin, central office, first gathering point, conversion unit but not for)

This annex is only valid in connection with the certificate:

**EU-ISCC-Cert-US201-70600174 issued on 03.12.2014**

Input material	Output material	GHG values*	ISCC SA waste process applied**
Crude oil(rapeseed/canola, Sunflower and soybean)	Refined oil(rapeseed, canola Sunflower and soybean)	2	No
Refined oil(rapeseed/canola, Sunflower and soybean)	Biodiesel(rapeseed/canola Sunflower and soybean)	2	No
Used cooking oil(UCO) Entirely of Vegetable Origin	Used cooking oil (UCO) Entirely of Vegetable Origin	1	yes
Crude oil(animal fat/tallow)	Biodiesel (animal fat/tallow)	2	yes
Free Fatty Acids (soybean, sunflower, corn and palm oils)	Free Fatty Acids (soybean, sunflower, corn and palm oils)	2	yes
(Free) Fatty Acids (Animal Origin)	(Free) Fatty Acids (Animal Origin)	2	yes
Soapstock acid oil	(Free) Fatty Acids (Vegetable Oil Origin)	2	yes
Refined oil (Palm oil mill effluent (POME))	Biodiesel(palm oil mill effluent (POME))	2	
Palm Fatty Acid Distillate (PFAD)	(Free) Fatty Acids (Palm Oil)	1	yes

\* 1: GHG emissions **of the certified unit** are based on default values

2: GHG emissions **of the certified unit** are based on individual calculation

3: GHG emissions are based on NUTS 2 values for **cultivation** (only applicable for First Gathering Points, farms/plantations, Central Offices)

\*\* Yes: Certification of this material does not start on farm/plantation level. Sustainability criteria acc. Article 17 paragraphs 3 to 6 of the directive 2009/28/EC (RED) have not been subject to control of this material.

No: Certification covers all sustainability criteria as laid down in Article 17 of the directive 2009/28/EC (RED).