

# Givaudan

## Technical Data Sheet



8802603

ETHYL SAFRANATE

### Product information

|                  |                                                                                                                      |
|------------------|----------------------------------------------------------------------------------------------------------------------|
| Chemical name    | ethyl 2,6,6-trimethylcyclohexa-1,3(2,4)-dienecarboxylate and ethyl 6,6-dimethyl-2-methylenecyclohex-3-enecarboxylate |
| Molecular weight | 194,00 g/mol                                                                                                         |
| CAS number       | 35044-59-8                                                                                                           |
| Sensory profile  | Spicy, Aniseed-like, mint-like, fruity                                                                               |
| Color            | colorless to Pale yellow                                                                                             |
| Appearance       | liquid                                                                                                               |

### Parameters for positive release

| Analysis                   | Specification Limits | Method         |
|----------------------------|----------------------|----------------|
| Sensory evaluation         | Conform              |                |
| Appearance                 | Conform              |                |
| Color (visual color)       | Conform              |                |
| Specific gravity (20/20°C) | 0,9610 - 0,9710      |                |
| Specific gravity (20/4°C)  | 0,9590 - 0,9690      |                |
| Specific gravity (25/25°C) | 0,9580 - 0,9680      |                |
| Refractive index (20°C)    | 1,4740 - 1,4800      |                |
| Refractive index (25°C)    | 1,4720 - 1,4780      |                |
| Acid value (KOH)           | <= 2,0 mg/g          |                |
| Peroxide value             | <= 20 mmol/kg        |                |
| Conform chromatogram       | Conform              | ISO 7609 polar |
| Sum of the four isomers    | >=94,0 %             | ISO 7609 polar |

### Storage and handling

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| Shelf life             | 360 Days                                                   |
| Flashpoint             | 88 °C / 190 °F                                             |
| Storage conditions     | Dry, well ventilated, preferably full, hermetically sealed |
| Temperature conditions | Store Ambient 10-30°C (50-85°F)                            |
| Handling               | Protect against light.                                     |

### Miscellaneous

|                      |         |
|----------------------|---------|
| Custom Tariff number | 2916.20 |
|----------------------|---------|

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The information contained herein is, to the best of our knowledge, true and accurate.

All information is valid until revisions are issued.

Version: Final / 7