Product Specification

Product Name: **Wheatgerm Oil**
Item Number: **6610**
Product category: **100% pure carrier oil**

1. IDENTIFICATION:

Trade Name:	Wheatgerm Oil
Botanical Name:	Triticum vulgare
INCI:	Triticum vulgare Germ Oil
Cultivation:	conv.
Part of Plant:	Germ
Origin:	Germany
CAS TSCA-No:	68917-73-7
CAS EINECS-No:	84012-44-2
EINECS-No:	281-689-7
FEMA-No:	/

Production method: Cold pressing the germs

Certification: without certification

2. TECHNICAL DATA

2.1 Physical and chemical properties

Color:	yellow to orange
Appearance:	oily liquid
Odor:	characteristic
pH-value:	5 - 6
Flash point:	no data available
Water solubility:	Insoluble
Steam pressure:	Unavailable
Relative density at 20 °C:	0,898 - 0,929
Refractive index at 20°C:	1,469 - 1,478
Optical rotation at 20°C:	- 4° to + 4°

Microbiological requirements: none – product is microbiologically of low risk.

2.2 Fatty acid composition:

C16:00 Palmitic acid	11 - 20 %
C18:00 Stearic acid	0,5 - 6 %
C18:01 Oleic acid	12 - 28 %
C18:02 Linoleic acid	44 - 60 %
C18:03 Linolenic acid	2 - 10 %
C20:01 Eicosenoic acid	< 3 %

3. STABILITY AND STORAGE

Shelf life (month): 24

Storage: Keep container tightly closed in a dry and well-ventilated place.

4. FOOD SUITABILITY

This product is basically suitable for the use in food.

The data is based on our current knowledge.
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