

William Hodgson & Co

----- Established 1894 -----

Specification Sheet

Product Name: Refined Safflower Oil

Company Name: William Hodgson & Company
'The Dairy',
Gawsworth Business Court,
Shellow Lane, North Rode,
Congleton, Cheshire. CW12 2FQ

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E-Mail Address: whodgson@btconnect.com
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DESCRIPTION: A yellow liquid with a typical odour and taste

ANALYTICAL CHARACTERISTICS:

Acid Value (mg KOH/g)	:	0.5 maximum
Peroxide Value meq/kg oil	:	2.0% maximum
Refractive Index	:	1.472 – 1.476
Colour Lovibond 5.25" Cell	:	50 Yellow maximum 5.0 Red maximum
Iodine Value g I ₂ /100	:	120 – 135
Saponification Value (mg KOH/g)	:	180 – 195
Unsaponifiable matter	:	1.5% maximum
Relative Density @ 20°C	:	0.912 – 0.930
Cloud Point	:	-10°C
Pour Point	:	-15°C
Shelf Life	:	2 years minimum if stored as recommended



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FATTY ACID PROFILE:

C12:0	LAURIC ACID	:	0.1 maximum
C14:0	MIRISTIC ACID	:	0.1 maximum
C16:0	PALMITIC ACID	:	5 - 8
C16:1	PALMITOLEIC ACID	:	0.5 maximum
C17:0	MARGARIC	:	0.1 maximum
C17:1	MARGAROLEIC ACID	:	0.1 maximum
C18:0	STEARIC ACID	:	2.5 – 7.0
C18:1	OLEIC ACID	:	20 - 40
C18:2	LINOLEIC ACID	:	50 - 74
C18:3	ALPHA LINOLENIC ACID	:	0.5 maximum
C20:0	ARACHIDIC ACID	:	0.5 maximum
C20:1	EICOSENOIC ACID	:	0.5 maximum
C22:0	BEHENIC ACID	:	1.0 maximum
C22:1	ERUCIC ACID	:	Trace

DISCLAIMER:

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

No liability can be accepted arising out of the use, application or processing of this material.

It is the Users responsibility to determine safe conditions for the use of this product.

