

**TDS**

**axaria**  
Natural raw materials &  
derivative products manufacturing

*AXLAN WG 40Z, is a complex mixture of high molecular weight wax esters produced by the sebaceous gland of sheep.*

### Technical Data Sheet

Trade name:	<b>AXLAN WG 40Z</b>	Version #:	<b>24/AX12-2189</b>
Chemical designation:	<b>Wool Grease</b>	Batch#:	
Chemical Name:	/	Production date:	
Formula:	/	CAS #:	<b>8006-54-0</b>
Product code#:	<b>A13240013</b>	EINECS #:	

Specification	Method	Specified range
Melting Point:		<b>40 degrees celsius</b>
Iodine Value:		<b>18/36 range</b>
Moisture Content:		<b>2.0% max.(one hour test)</b>
Acid Value:		<b>3 to 7 range</b>
Saponification Value:		<b>90 - 110 range</b>
Density:		<b>0.9</b>
Ash Content:		<b>1.0% max.</b>
Colour:		<b>Light yellow to dark brown/green</b>

Chain Distribution	Method	Specified range
C 14:0	Myristic	/
C 16:0	Palmitic	/
C 16:1	Palmitoleic	/
C 18:0	Stearic	/
C 18:1	Oleic	/
C 18:2	Linoleic	/
C 18:3	Linolenic	/
C 20:0	Arachidic	/
C 20:1	Gadoleic	/

*Acid Value, Melting Point, saponification value and Iodine Value are determined according to the British Pharmacopeial tests prescribed for wool fat (anhydrous lanolin)- Moisture Content and Ash are also based on British pharmacopeial tests. Moisture Content is determined by the loss on drying test (1 hour test at 105 degrees celsius) and the Ash Yield is determined by the Sulphated Ash Test but without using Sulphuric Acid, i.e. a sample is ashed directly.*

Available in the following packages: **steel drums (200kg.)**

**Mr. Hasmulik K. Haver**  
Inspector Chemical Engineer

*The quality control data are determined for every production batch and release. The data and information above are to our best knowledge true and accurate. They refers to specific values of the current batch provided by the method indicated and should be so considered. AXARIA assumes no responsibility, express or implied, for use of said data and information.*

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