

**TDS**

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

The OLEIC ACID is used as a sodium salt, which is a major component of many kinds of soap, a lubricant in the metallurgical, as an excipient in pharmaceuticals, as an emulsifying or solubilizing agent in aerosol products, is also used to induce lung damage in certain types of animals, for the purpose of testing new drugs and other means to treat lung disease, also textile and petroleum industries, in the agrochemical and chemical industries, oleic acid is used also as an additive to improve the characteristics of some products.

### Technical Data Sheet

Trade name:	<b>AXSOL 9084</b>	Version #:	<b>01/AX13-2041</b>
Chemical designation:	<b>Oleic Acid</b>	Batch#:	/
Chemical Name:	<b>9-octadecenoic acid</b>	Production date:	/
Formula:	<b>C<sub>18</sub>H<sub>34</sub>O<sub>2</sub></b>	CAS #:	<b>112-80-1</b>
Product code#:	<b>A00010035</b>	EINECS #:	<b>204-007-1</b>

Specification	Method	Specified range
Titer °C		5-7
Acid Value mg KOH/g		198-204
Saponification Value mg KOH/g		197-205
Unsaponifiable Matter%		≤ 0.4
Iodine Value gb/100 g		88-95
Color (Gardner)		--
Color Lovibond 5 1/4	Y R	≤15.0 ≤1.5

Chain Distribution	Method	Specified range
C 08:0	Caprylic	0.0-1.0
C 10:0	Capric	0.0-1.0
C 12:0	Lauric	0.0-1.0
C 14:0	Myristic	0.0-4.0
C 14:1	Myristoleic	0.0-0.7
C 15:0	Pentadecanoic	0.0-0.2
C 16:0	Palmitic	3.0-6.0
C 16:1	Palmitoleic	2.5-8.0
C 17:0	Margaric	0.0-0.1
C 17:1	Margaroleic	0.0-0.1
C 18:0	Stearic	1.0-3.0
C 18:1	Oleic	68.0-84.0
C 18:2	Linoleic	5.0-11.0
C 18:3	Linolenic	1.0-3.5
C 19:0	Nonadecanoic	0.0-0.2
C 19:1	Nonadecenoic	0.0-0.1
C 20:0	Arachidic	0.0-0.2
C 20:1	Gadoleic	0.0-1.9
C 22:0	Behenic	0.0-1.9
C 24:0	Lignoceric	0.0-1.9

Available in the following packages: **Bulk - IBC container (900kg.) steel drums (200kg.)**

**Mr. Hasmukh 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 refer 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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