

**Matrilox LA001T**  
(Azelaic Acid)  
Kosher  
Powder



**TECHNICAL DATA SHEET**

PARAMETERS	SPECIFICATION	TEST METHOD
Appearance @ 20°C	White to Slight Yellow Powder	Visual
Odor	Odorless	Internal Method
Acid Value, mg KOH/g	585 – 610	Internal Method
Melting Point, °C	102 – 110	Internal Method
Water Content (w/w), %	0.2 max	Internal Method
Color Transmission, 440 nm	80 min	Internal Method
Color Transmission, 550 nm	90 min	Internal Method
Dibasic Acid Content, %:		
Less than C9	8 max	GC
C9 (Azelaic Acid)	92 min	GC
Greater than C9	3 max	GC

**Description:**

Matrilox LA001T (nonanedioic acid) is a dicarboxylic acid naturally occurring in wheat, rye and barley.

Through a unique, innovative and environmental friendly technology, Matrìca is able to produce a nonanedioic acid starting from vegetable oils obtained from sustainable crops.

Matrilox LA001T is a fully European product.

Matrilox LA001T is a basic constituent of renewable and/or compostable plastics. It finds applications in many different fields, being used in the preparation of PVC plasticizers, ester-based synthetic lubricants, corrosion inhibitors and lithium complex grease.



**Handling and Storage:**

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances, sources of heat, light, sparks, flame and moisture.

Ensure that packaging is not damaged and well-closed before use.

Matrilox LA001T is an irritant product. For further information, please refer to the Safety Data Sheet.

**Inquiries:**

Acme-Hardesty Co  
450 Sentry Parkway  
Blue Bell, PA 19442  
(800) 223-7054  
[csc@acme-hardesty.com](mailto:csc@acme-hardesty.com)

The data herein are based on our current knowledge and believed to be reliable. They are intended for use by persons having technical skill and at their own discretion and risk. Due to numerous factors that may affect handling, processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any data given herein may change without prior notice and do not constitute a contractual agreement regarding quality.

Acme-Hardesty Co., specifically disclaims any implied warranties of merchantability, suitability or fitness for a particular purpose or application, and assumes no liability in connection with the use of this information. Final determination of suitability is the sole responsibility of the user who alone knows the conditions of intended use.