



Aculon 3 Series Extender

Product Information

Aculon 3 Series Extender is a fluorinated solvent used for cleaning, diluting and as a carrier solvent for several of Aculon's branded products.

Solids	Solvent	Color
none	Fluorosolvent	Clear/ Colorless

Physical Properties (all values @ 25°C unless otherwise specified)	
Viscosity*	<1 cp
Boiling Point of Solvent	To be determined, estimate 56-61°C
Freeze Point	<-81°C
Flash Point	Not flammable
Specific Gravity	1.5 g/ml
Shelf Life	2 Years (Unopened container)

Regulatory Status

Aculon 3 Series Extender has been accepted for commercial use by regulatory agencies in the U.S, E.U and China. Aculon 3 Series Extender has been excluded by the U.S. EPA from the definition of a VOC on the basis that this compound has a negligible contribution to tropospheric ozone formation.

Toxicity Profile

Toxicological testing for 3 Series Extender shows low acute toxicity. The material is non-irritating to the skin and minimally irritating to the eyes, and is not a mutagen. High concentration exposure may lead to reversible anesthetic effects such as drowsiness or dizziness. Refer to SDS for more detailed information.

Materials Compatibility

ABS	At boiling point for 3 days, <0.1% Weight change, <0.1% Linear swell
EPDM	At boiling point for 3 days, <0.1% Weight change, <0.1% Linear swell
Fluorelastomer	At boiling point for 3 days, >86% Weight change, >24% Linear swell
Polymethyl methacrylate	At boiling point for 3 days, affected, affected
Polypropylene	At boiling point for 3 days, <2.5% Weight change, <1% Linear swell
Polystyrene	At boiling point for 3 days, <0.1% Weight change, <0.1% Linear swell
PTFE	At boiling point for 3 days, <2.5% Weight change, <0.1% Linear swell
Silicone Rubber	At boiling point for 3 days, <12.5% Weight change, <2.5% Linear swell

Packaging and Availability

Aculon 3 Series Extender may be ordered in the following container sizes:

- 55-gallon drum (250 kg); 5-gallon pail (20 kg); 1-gallon bottle (5.4 kg)
- 40 ml samples for limited or preliminary test work available.

Safety, Handling, Storage:

Store in a cool (<40°C) and dry area and keep away from direct sun light. See this product's SDS for proper handling and fire hazard data. When stored properly, product has a 2-year shelf life.

For Additional Information:

To request additional product information or sales assistance, contact Aculon's Technical Team, at 858-350-9474. For information on other Aculon products, please visit our website at www.aculon.com.

Product Use: All statements, technical information and recommendations contained in this document are based on tests or experience that Aculon believes to be dependable. However, many factors beyond Aculon's control can affect the use and effectiveness of an Aculon product in a particular use or application, including conditions under which the product is used and the time and conditions in which the product is expected to perform. Since these factors are exclusively within the user's knowledge and control, it is essential that the user evaluate the Aculon product to determine whether it is fit for a specific purpose and suitable for the user's method of application.

Warranty and Liability: Aculon makes no warranty or representation, expressed or implied, by operation of law or otherwise, as to the merchantability or fitness for a particular purpose of the goods arising out of a course of dealing, custom or usage of trade. Aculon shall not be liable for any defect in the goods sold hereunder and customer releases Aculon from any and all liability for negligence. Aculon will not be liable for consequential, incidental or any damages other than repair or replacement of defective good or refund of the purchase price paid for such defective goods.

Aculon • 10110 Sorrento Valley Road • San Diego • California • 92121
• Tel: 858-350-9474 • Email: info@aculon.com