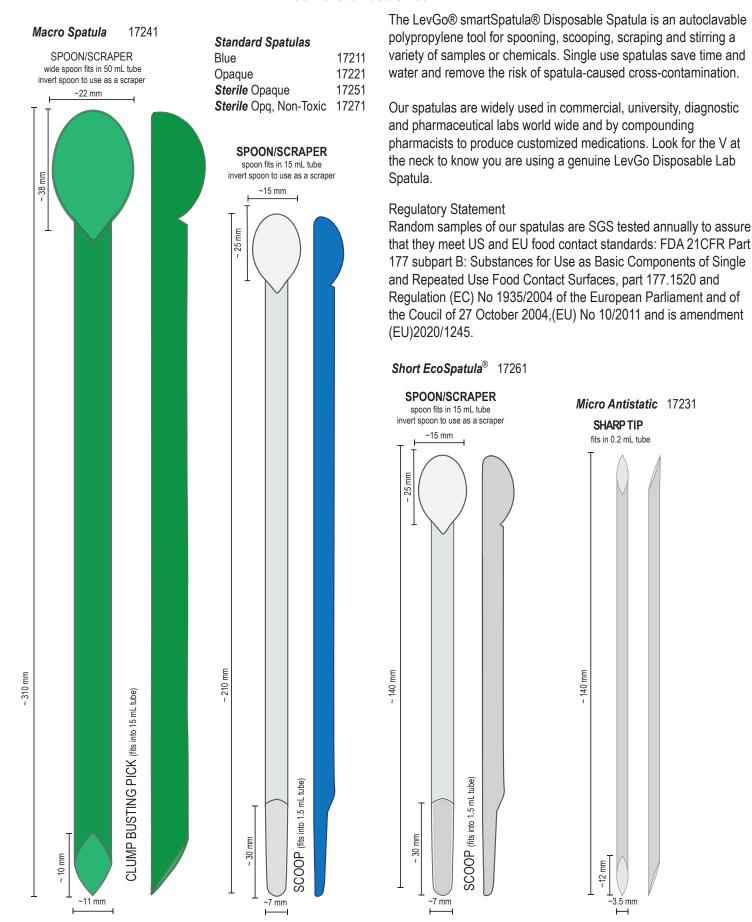




## Technical Data Sheet

No Searching. No Washing. No Contamination.™

Look for the V at the Neck.™



## Technical and Manufacturing Information

	<i>y</i> 8 <i>y</i>
Country of Origin:	All spatulas are manufactured in China.  Both types of sterile spatulas are repackaged and sterilized in the USA.
Quality Control:	7
Quality control	SGS testing is performed anually on random samples to assure compliance with US and EU food contact regulations.
Shelf Life:	Heat and direct sunlight will degrade most plastic polymers. Storage of the spatulas out of direct sunlight in a cool, dry location (normal lab conditions) should result in an unlimited shelf life.
Autoclavable:	All versions are autoclavable. Autoclaving polypropylene at 121°C at 15 psi for 20 minutes is standard.
Material	
Macro:	Virgin Food Grade PP 100%
Standard:	Virgin Food Grade PP 100%
Eco:	Virgin Food Grade PP ~99%
	EcoPure® Additive† ~1%
Micro:	Virgin Food Grade PP ~99.6% Anti Static Additive ~0.4%
	Per specification, a mix of 96% Virgin Food Grade PP and 4% AMPACET 40390 Hostat 10 BOPP Masterbatch (a food grade internal anti static agent that is made of 90% Virgin Food Grade PP and 10% active ingredient) are combined to make the Micro Anti Static spatula.
Sterile and Sterile Non-To	oxic Spatulas
Sterile:	Standard Opaque spatulas, which meet food contact standards, are sent to a 3rd party processor in the USA for repackaging and EtO sterilization. The products are sterilized to an SAL of 10 <sup>-6</sup> using ethylene oxide as the sterilant according to the guidelines of ISO 11135.
Sterile Non-Toxic, Non-Pyrogenic:	The sterile product is further processed and tested to meet Endotoxin Limits per USP 85 requirements (≤ 0.5 EU/mL or 20 EU/device).
Sterile Expiration:	Sterile Barrier testing was performed per ISO 11607-1 requirements along with Distribution Simulation testing. The repackaged sterilized spatulas will remain sterile as long as the inner pouch containing the 10 sterile spatulas remains intact. The seals on this product are certified to remain intact for a minimum of 72 months.
Statements	·
BSE/TSE:	No raw materials that contain, or are derived from, animals are specified in the manufacture of Macro, Standard or Eco. Please see the statement below regarding the Micro.
BSE/TSE Micro:	Micro spatulas contain ~0.4%, of the active ingredient in AMPACET 40390 Hostat 10 BOPP an internal anti static agent which is composed of ingredients that are cleared by the U.S. Federal Food and Drug Administration (FDA) for use in Polypropylene complying with sections 174.5, 177.1520 (c) 1.1a, 178.2010, and 184.505 of Title 21 of the Code of Federal Regulations and may be used in food contact applications subject to applicable restrictions described in Title 21 of the Code of Federal Regulations. The following statements in italicized text have been excerpted in their entirety from the Ampacet Regulatory Status document for 40390 Hostat 10 BOPP Masterbatch dated June 2016 and relate only to the Ampacet additive that is used to give the Micro Anti-Static product the desired level of surface resistivity:
	"One or more of the raw materials used in the manufacture of this product originated in whole or in part from animal sources. The animal sourced raw material(s) have been chemically altered from of their original structure and have undergone significant chemical processing. Because of these processing conditions this material is expected to meet or exceed the human and veterinary medicine guidance requirements for minimizing the risk of transmitting animal spongiform encephalopathy agents as of the effective date of this regulatory status document."
DNas	e & RNase Free NT Residual Metal Catalysts NA DEHP Statement DNC
GMO	NA Residual Solvents (ICH 3) NA Latex Statement DNC
REAC	CH NA Extractables & Leachables NA Melamine Statement DNC
RoHS	NA Allergen Statement NA BPA Statement DNC
	Key: NT - Not Tested, NA - Not applicable, DNC - Does Not Contain
Lot specific Certificates of Conformity and/or Certificates of Sterility are available upon request.	

†EcoSpatulas® are 99% virgin polypropylene (PP) resin and 1% EcoPure® organic additive, which helps promote biodegradation of PP. Representative samples of our EcoSpatulas and our standard 100% PP spatulas were tested according to the ASTM D5511 test method (intended to replicate conditions in biologically active landfills). EcoSpatulas biodegraded an average of 29% in the first 586 days of testing compared to 8% for standard 100% PP spatulas. Tests were conducted using 48% solids content, which is not typical; solids content in naturally wetter landfills reage from 55% to 65%, while the driest landfills may reach 93%. Actual biodegradation rates will vary in biologically active landfills according to the solids content, temperature, and moisture level of the landfill. EcoSpatulas retain all the original properties and shelf life of our standard PP spatulas: they are autoclavable, resistant to dilute acids and bases, and FDA compliant for food contact. They will not degrade during use. It is only after extended exposure to the microbes in a biologically active landfill that they begin to break down and eventually turn into inert humus and natural gases.

Important Notice: Laws in California, Maryland, and Washington prohibit the sale of certain products and packaging that are labeled with the terms "biodegradable", "degradable", or "decomposable" or any form of those terms, or that imply in any way that the item will break down, biodegrade, or decompose in a landfill or other environment. These restrictions apply to all sales in or into these states, including such sales over the Internet. Our EcoSpatula product packaging meets the requirements of California Maryland, and Washington.

©2008 - 2024 LevGo®, Inc. LevGo, EcoSpatula, and "smartTools for the Lab." are registered trademarks of LevGo, Inc. The LevGo logo, "Look for the V at the neck.", "No Searching. No Washing. No Contamination." and the V design at the neck of the disposable lab spatula are trademarks of LevGo, Inc. smartSpatula is a registered trademark of Investigen, Inc. EcoPure is a registered trademark of Bio-Tec Environmental, LLC. All are used under license. All rights reserved.

US Patent 8,709,362 • www.LevGo.com • Page 2 of 2