

STA-LEASE™ MOLD RELEASE

STA-LEASE™ LIQUID 3

*Chemical
Solutions for
your Process
Needs*



INTRODUCTION

STA-LEASE™ LIQUID 3 is a Dry Film Lubricant produced from a unique particle size microdispersion of Polytetrafluoroethylene (PTFE) available from ST Laboratories. It is a highly effective mold release agent which is applied using a volatile carrier fluid that deposits a thin, uniform, dry film of PTFE lubricant over virtually any hard surface. This enables ultra-low surface tension and minimizes sticking problems in low speed, light load applications

PROPERTIES

STA-LEASE™ LIQUID 3 is highly effective offering several beneficial properties to a myriad of processes.

- Outstanding Lubricity
- Extraordinary Microdispersion Stability with Minimal agitation
- Easy Nonflammable Handling in Storage and in Use
- Simple Equipment Requirements for Part Treatment
- A Non Migrating Lubricant Deposition
- Excellent Materials Compatibility

ST LABORATORIES INCORPORATED

376 Station Street
Cranston, Rhode Island
02910

Phone: 877-(STLABS1)
877-785-2271

Fax: 401-785-2510

E-mail:
custserv@st-labs.com

APPLICATIONS

STA-LEASE™ LIQUID 3 has a coefficient of friction ranging from 0.07 to 0.15 making it ideal for use with leather, plastic and elastomer belts, gaskets, packings, gears and bearings. It is also effective on machine components such as mechanical fasteners, saw blades and conveyers as well as on cord, twine, rope and cable.

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, ST Laboratories, Inc. makes no representation s or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. In no event will ST Laboratories, Inc. be responsible for damages of any nature whatsoever resulting from the use or reliance upon Information.



STA-LEASE™ MOLD RELEASE

PHYSICAL AND CHEMICAL PROPERTIES

Odor	Slight Ethereal	Telomer Particle size	
Boiling Point (carrier fluid)	54° C / 129° F	Average bulk	1-15 microns
Solubility in Water	not soluble	Mean	3.7 microns
% Volatile	98	Vapor Density (air=1)	4
Carrier Evaporation Rate (ether=1)	>1	Vapor Pressure, mm Hg	226 @ 25° C est.
Freeze Point: C°(F°)	-35 (-31)	Flash Point	
% Solids by Weight	2	Closed Cup	None
		Open Cup	None

APPLICATION METHODS

STA-LEASE™ LIQUID 3 can be applied by spraying, dipping, painting and swabbing. Coverage is approximately 1,000 square feet per gallon depending on the substrate. Shake or stir frequently since the PTFE microdispersion may settle out. Keep containers closed tightly when not in use.

ENVIRONMENTAL LEGISLATION

This formula is accepted by the U.S.EPA under the Significant New Alternative Policy program as a substitute for ozone depleting substances. It has an Ozone Depleting Potential of zero. Also, none of its components are classified as Volatile Organic Compounds (VOC). None of the ingredients in this product are classified as Hazardous Air Pollutants (HAP) or included on SARA Title III Section 313 list of toxic chemicals.

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, ST Laboratories, Inc. makes no representations or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. In no event will ST Laboratories, Inc. be responsible for damages of any nature whatsoever resulting from the use or reliance upon Information.