

# OWNER'S MANUAL

## THE LIQUIDATOR High Speed Solution Applicator



[WWW.AZTECPRODUCTS.COM](http://WWW.AZTECPRODUCTS.COM)

215-393-4700 TOLL FREE: 800-331-1423 FAX: 215-393-4800  
201 COMMERCE DRIVE, MONTGOMERYVILLE, PA 18936



## TABLE OF CONTENTS

<b>INTRODUCTION</b>	PG 3
<b>SAFETY MESSAGES</b>	PG 3
<b>IMPORTANT SAFETY INFORMATION</b>	PG 4
<b>RECEIVING THE LIQUIDATOR</b>	PG 4
<b>LIQUIDATOR SET UP</b>	PG 4
<b>TRANSPORTING THE LIQUIDATOR</b>	PG 5
<b>LIQUIDATOR OPERATION</b>	PG 5
<b>MAINTENANCE - CLEAN UP</b>	PG 6
<b>STORAGE</b>	PG 6
<b>TROUBLESHOOTING</b>	PG 6
<b>VALVE SERVICE</b>	PG 7
<b>MANIFOLD SERVICE</b>	PG 7
<b>REPARING LEAKS</b>	PG 7
<b>REPLACEMENT PARTS AND DIAGRAM</b>	PG 8
<b>RETURN GOODS POLICY</b>	PG 9
<b>LIQUIDATOR WARRANTY</b>	PG 10
<b>RETAILER / DISTRIBUTOR CONTACT INFO</b>	PG 10

## INTRODUCTION

Thank you for purchasing this Aztec Products, Inc. machine. You have purchased a quality product and we welcome you to the Aztec family. It is critically important to utilize proper training, understanding, maintenance and care for this product. For best results from your Aztec machine, you must read and understand this Owner's Manual, and follow all operation guidelines and safety messages. Protect your **WARRANTY** by following all maintenance guidelines and keeping a dated log. If a problem should arise, consult an authorized Aztec service center.

All information in this Owner's Manual is up to date and based on the latest product information available at the time of printing. Aztec Products, Inc. reserves the right to make changes at any time without notice or incurring obligation. Visit the website for an updated Owner's Manual: [www.aztecproducts.com](http://www.aztecproducts.com).

This Owner's Manual and the maintenance log must be kept as a permanent part of the machine and remain with the machine if resold.

This manual is designed to make your job easier. However, there is nothing more important than the safety aids and instructions that are found throughout this document. User experience provides the best feedback. We welcome your comments and suggestions.

This manual should be kept available to all operating and maintenance personnel. No part of this document may be copied or reproduced without written permission.

## SAFETY MESSAGES

Your safety and the safety of others is very important. As the manufacturer, we have provided important safety messages throughout this manual and on the machine. The purpose of these safety messages is to prevent damage to you, your machine, the property, and/or the environment.

Please read and understand this information thoroughly. A safety message alerts you to potential hazards that could result in injury or death, and/or cause damage to the floor and/or facility. Each safety message is preceded by a universal safety alert symbol (!) and one of these safety words: **DANGER**, **WARNING**, **CAUTION**, or **NOTICE**. These signal words mean:

	<b>DANGER</b> indicates a hazardous situation which, if not avoided, will result in death or serious injury
	<b>WARNING</b> indicates a hazardous situation which, if not avoided, could result in death or serious injury.
	<b>CAUTION</b> indicates a hazardous situation which, if not avoided, could result in minor or moderate injury
	<b>NOTICE</b> is used to address practices not related to physical injury

## IMPORTANT SAFETY INFORMATION

The Liquidator is a key component of the [Sidewinder](#) WorkSmart VCT Floor [Stripping and Waxing System](#). Now you can apply up to **45,000 square feet of solution in less than one hour** (4180 m2/h). The Liquidator has a 36 gallon solution capacity, along with an adjustable applicator brush to accommodate obstacles and narrow aisles. You'll quickly realize the benefit of using the Liquidator as part of your [floor maintenance](#) solution.

Recommended surfaces for the Liquidator:

- Vinyl and ceramic tile
- Sealed or finished concrete floors
- Wood, stone and terrazzo

The Liquidator is not recommended for any other use.

***All of Aztec's machines proudly MADE IN THE USA.***

## RECEIVING THE LIQUIDATOR

- 1) Inspect for obvious shipping damage or missing parts.
- 2) Chassis – spreader rubber, manifolds, and wheel condition.
- 3) Parts – handle hardware should be inside tank.
- 4) Any damage or missing parts must be reported to Aztec Products within seven days of receiving the equipment.

## LIQUIDATOR SETUP

### Mount Handle Assembly

- 1) Insert studs into four (4) steel inserts on back of tank.
- 2) Hand tighten only.
- 3) Install nylon spacers on each stud, then steel washer on each stud.
- 4) Install handle onto studs, then install other washers onto studs.
- 5) Install side arm hanger bracket on lower right side stud.
- 6) Install hex nut on each stud and tighten. DO NOT OVER TIGHTEN OR DAMAGE MAY OCCUR.**
- 7) Install levers on handle (blue tape designates location) and tighten.

## TRANSPORTING THE LIQUIDATOR

The Liquidator should be transported with the front swivel caster off the ground. This will prevent the spreader rubber from being damaged.

## LIQUIDATOR OPERATION

### **CAUTION**

Do not attempt to ride on or otherwise attach any type of rider platform to this machine. Injury and property damage may occur.

### **CAUTION**

Follow the chemical manufacturer's instructions carefully, and do not fill beyond 1" below lid opening of the Liquidator.

### **NOTICE**

Never lift tank by gripping the lid retainer ring.

- 1) **FILLING TANK** — While filling with water, add specified amount of chemical as instructions direct. The tank capacity is 35 gallons. **DO NOT FILL BEYOND 1" BELOW LID OPENING.**
- 2) **COVERAGE WIDTH** — The left valve control lever on the handle will dispense a 26" path in front of the machine. The right valve control lever will dispense an additional 26" path from the manifold on the right. The right arm will spring back to accommodate narrow areas.
- 3) **SOLUTION COVERAGE** — The amount of solution dispensed will be determined by how much you squeeze the valve control levers and by how fast you walk. A normal walking speed should be sufficient for normal applications.
- 4) When completed, return right spreader manifold to the transport position. You can tip the unit back to lift the front spreader off the ground during transport.
- 5) If the solution is not being spread evenly across the floor, the tank may need to be re-filled. See **TROUBLESHOOTING** on page 6.

## MAINTENANCE – CLEANING UP

### CAUTION

Failure to clean the Liquidator as directed will void the Warranty.

### NOTICE

Responsibly dispose of dirty water and chemicals, following the chemical manufacturer's recommendations; always dispose of old materials with the environment in mind.

### NOTICE

Take care not to damage manifold or spreader material when draining. See **MANIFOLD SERVICE** on next page.

- 1) Drain the tank — locate discharge valve at the front of tank. Position for proper draining. Lift "T" handle to regulate solution discharge. Tip machine forward for complete drainage. Take care not to damage manifold or spreader material when draining.

### CAUTION

Solution will discharge in a large steady stream with some pressure. Wear protective eye wear and avoid skin contact with all chemicals used in this tank.

- 2) Rinse tank and dispense clean water through manifolds.
- 3) To tilt machine, rest the unit on the handle. This will expose the undercarriage for cleaning.
- 4) Rinse wheels, chassis, and spreader rubber.
- 5) Drain excess water from unit by tipping forward and squeezing valve control levers.

## STORAGE

### NOTICE

It is very important to drain all liquid from the unit if it is to be stored or transported in freezing conditions.

## TROUBLESHOOTING

Problem:	SOLUTION KEEPS RUNNING
Solution:	Valve not closing properly. See <b>VALVE SERVICE</b> , next page.
Problem:	NOT SPREADING SOLUTION EVENLY
Solution:	Check spreader material for tears. Replace if necessary. Check valve ports inside of tank for debris. Check manifolds for even flow with valves wide open. See <b>MANIFOLD SERVICE</b> , next page.
Problem:	LEAKS
Solution:	See <b>REPAIRING LEAKS</b> , next page.

## **VALVE SERVICE**

**ADJUSTMENT** — Turning the adjusting nut on the valve control lever located on the handle and locking with the jam nut will determine how much solution is dispensed on the floor. Normal operation will require about 1/8" of play in the valve control lever.

**RE-SEATING VALVE** — Remove cable from valve control lever. Hold back conduit in one hand and the cable in the other. Pull the cable out as far as possible and let "SNAP" back. Repeat three times.

**DEBRIS IN VALVE** — Squeeze valve control lever and force water with a hose through that valve port inside the tank.

## **MANIFOLD SERVICE**

**Cleaning Manifold** — Remove both end caps and clean out with hose. Replace end caps.

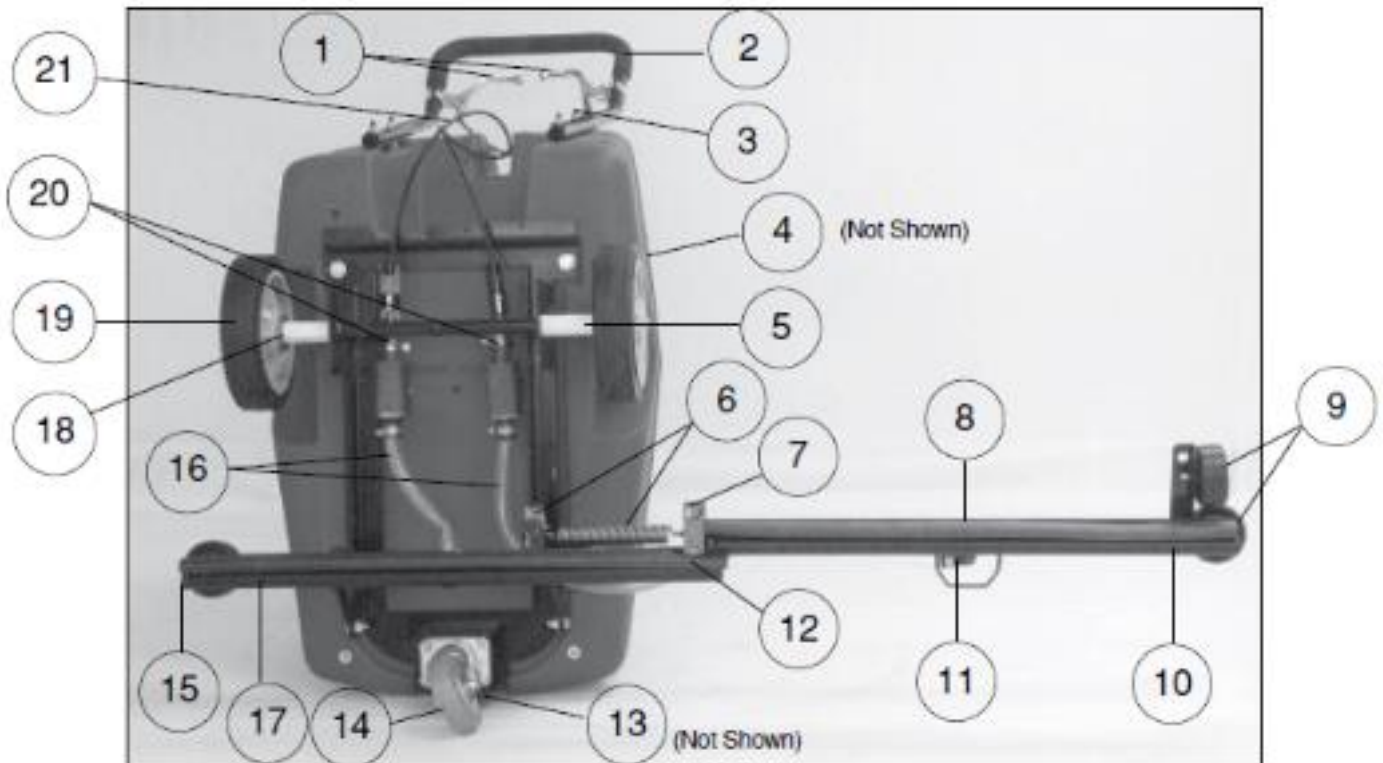
## **REPAIRING LEAKS**

Isolate which kind of leak:

**FITTING LEAK** — Remove fitting, clean and smooth the surface and/or gasket. Apply silicon and re-install.

**BODY LEAK** — Contact Aztec Products (215) 393-4700.

## REPAIR PARTS FOR LIQUIDATOR



#	DESCRIPTION	PART #	QTY
1	Valve Control Lever	314-J208PA-L7/8	2
2	Handle	285-74-9051	1
3	Hex Nut	164-22002	1
4	8" Lid and Ring	647-60032	1
5	Wheel Spacer	216-PVC-3/4	1
6A	Pivot Bolt Spring	173-MC080011SS	1
6B	Arm Spring	173-MXQ11509MW	1
7	Nylon Bushing	196-71200	1
8	Right Manifold Assembly	012-52-5211R	1
9	Guide Wheels	156-PB-03041-08	2
10	Spreader Rubber	175-03125N	5' TOTAL
11	Manifold Fitting	166-3EL1234G	1
12	Front Manifold Assembly	012-52-5210F	1
13	1 1/2 Gate Valve	150-I7101	1
14	4" Swivel Caster	156-2-4056-445	1
15	1/2 MPT End Plug	166-3F126	1
16	3/4 Poly Tubing	216-0751	1
17	Spreader Rubber	175-03125N	5' TOTAL
18	Axle Spacer Washer	164-76-100Z-WZ	1
19	8" Wheel	156-XA-08251-12	2
20	Valve Assembly	012-52-5270	2
21	Valve Cable	012-962C	2



## RETURN GOODS POLICY

The design and construction of this product are both innovative and unique. In order to troubleshoot our equipment, we rely heavily on returned defective or failed parts so that we can examine the causes of failure. While this may at first seem to be an inconvenience, ultimately you benefit from safer, better designed machine components. Please give us the opportunity to serve you better by following these RGA (Return Goods Authorization) rules.

- 1) We maintain the serial number, date of shipment or sale, and customer name on each piece of equipment sold. If you were the purchaser, please reference that information on your request for replacement or repair. If you purchased the equipment through a dealer, please include the company name, the date, and the serial number of the product.
- 2) Ask for an RGA number when you are ordering the replacement part. Return the failed part within 14 days, freight prepaid, exactly as it was at the time of failure. Our inspection and evaluation will attempt to determine the probable cause of failure.
- 3) If our inspection reveals that the failed part was defective, we will credit your account for the entire amount of the part including your cost of return freight, but not packaging expense. When incomplete parts are returned for credit, their condition or state of incompleteness will be assessed against the credit claim.
- 4) We will not accept freight collect returns or returns that do not indicate the RGA # on the packing list.

Your satisfaction is extremely important to us. We intend to be reasonable on any matter that is related to our warranty service or other wear-related problems which our customers feel need attention. Please help us to help you. Before assuming that a part is defective, check the repair manual to see if the problem might be something that you or one of your employees might be capable of correcting. If it is not, follow the above policy and count on us to respond quickly and responsibly.

### **PROTECT YOUR WARRANTY!**

**Read this Owner's Manual carefully; all questions regarding the care and safety of this equipment, please call AZTEC PRODUCTS:**

**(800) 331-1423**

**[www.aztecproducts.com](http://www.aztecproducts.com)**

## **AZTEC LIQUIDATOR LIMITED ONE YEAR WARRANTY**

Aztec Products, Inc. warrants its products to be free from defects in material and workmanship for a period of one year from the date of sale.

Aztec Products, Inc. agrees, at its option, to repair or replace at its own expense any product or part(s) which examination proves to be defective in workmanship or materials provided that the purchaser notifies Aztec Products, Inc. directly, within the warranty period, and follows the Return Policy.

This warranty does not apply to or cover equipment damaged by misuse, abuse, neglect, accident, or any use not specified in the instruction manual, or any other circumstances that are out of the control of Aztec Products, Inc. or their authorized agents.

All repairs or changes must be made under the supervision or arrangement of Aztec Products, Inc. or their agents unless prior written consent has been issued. Any deviation from this arrangement shall make the owner of the equipment and/or party involved in those changes responsible for any and all damages resulting from such changes.

The foregoing is the entire and only Aztec Products, Inc. warranty which in no event covers incidental or consequential damages resulting from any such defective product or part(s). This warranty gives specific legal rights. Purchaser may have other rights which vary from state to state.

**This warranty is non-transferable.**

**AZTEC PRODUCTS, INC. • [www.aztecproducts.com](http://www.aztecproducts.com)**

**201 Commerce Drive • Montgomeryville, PA 18936 • 800-331-1423 • Fax 215-393-4800**

### **RETAILER/DISTRIBUTOR CONTACT INFO**

PURCHASE DATE:

DISTRIBUTOR NAME:

DISTRIBUTOR PHONE NUMBER(S):

NOTES: