

# Liquiscent™

Distill Bottom Diluent Solvent

## Flowable Liquid Still Bottom Preventing Distill Bottom from Hardening

### ENVIRONMENTAL

- ☞ VOC Exempt
- ☞ Non-Flammable
- ☞ Non-HAPs
- ☞ None of the Ingredients are listed on (CA PROP 65)
- ☞ No SARA 313 Ingredients
- ☞ No ODC's
- ☞ Replacement for Mineral Oil and Petroleum derived solvents
- ☞ Non-hydroscopic
- ☞ Non-Corrosive
- ☞ Stable under normal storage conditions
- ☞ Compatible with machines and transfer pumps made of Carbon Steel or Stainless Steel & Aluminum Alloys

### TYPICAL PROPERTIES

Appearance:	Clear liquid Colorless to slight amber
Flash Point:	116 - 120 °C (241 - 248 °F)
Odor:	Slight Characteristic
pH (50% in water @70 °F)	6.8 - 7.5
Vapor Pressure (components)	≤ 0.02 mmHg @ 20 °C (68 °F)
Ideal Operating Temp / Conc.	Room Temperature/Full Strength
Vapor Density	1.2 - 7.5 @ 20 °C (68 °F) (Air= 1.0)
Specific Gravity:	1.093 - 1.095 (@ 20 °C (68 °F))
Weight/Gal.	9.10 (lbs. /gal.)
Components Boiling Point @ 760 mmHg	242 - 255 °C (467.6 - 491 °F)
Solubility in water	Partially
VOC	Exempt
HMIS Rating	Health = 1 Fire = 1 Reactivity = 0
Product #	02-W202201

### Liquiscent™ Distill Bottom Diluent Solvent

Is designed for **facilities that recycle and reclaim their SPENT cleaning solvents and Resins** through **Flash or Vacuum Distillation.**

An Eco-Friendly replacement for highly toxic, flammable, petroleum-derived solvents. It prevents the distill bottom from hardening and provides a clean distillation vessel. **Non-Reactive** with ink, adhesives, resins, coatings and other soils. Added to the distill bottom during the “cook down process”, obtaining a faster recovery rate for the spent material, resulting in a higher yield of solvent recovery. Gentle on most O-rings, gaskets, seals, and lining. Does not freeze under severe cold environment (<-90 °F)



### PREPARING DISTILL BOTTOM FOR DRAINAGE

During the solvent recovery “cook-down process of Spent Material” in any distillation system, there will be a time in which all critical liquid ingredients (solvents, surfactants, plasticizers, etc.) are boiled off and pulled from the solid waste, resulting in creating hardened distill bottom “waste” which it becomes hardened and would not be drained out of the distillation vessel quickly. To drain out the waste from the bottom of the distillation system (depending on the size of the unit), **a small amount of Liquiscent™ must be injected at room temperature during the “cook down process”**. **Liquiscent™ will prevent the distill bottom from becoming hardened and will cause it to become liquefied “Flowable” and easy to remove.**

**Liquiscent™** has a high boiling point / low vapor pressure (it does not evaporate). This will stay in the chamber to maintain the waste flowable while the various solvents are being pulled from the solid waste.

## Physical Attributes

Stability & Compatibility

**Liquiscent™ Distill Bottom Diluent Solvent** is stable under normal storage conditions. It is compatible with machines and transfer pumps made of Carbon Steel or Stainless Steel and Aluminum Alloys.

### PREFERRED HOSE AND GASKET MATERIALS ARE:

∅ Cork ∅ Natural Rubber ∅ Neoprene ∅ EPR ∅ Polyethylene ∅ Teflon

Buna N, Hypalon and Viton **are not suitable** gasket materials for mid to long-term (days and weeks) storage. Information from material suppliers and specific conditions of contact should be considered in the selection of suitable materials.

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## SAFETY&HANDLING

### PRECAUTIONS

Refer to SDS for additional safe handling & disposal

Direct contact of **Liquiscent™** causes serious eye irritation. Causes skin irritation. It is important to utilize recommended gloves (natural rubber), safety goggles and other suitable protective clothing your company recommends. Aspiration hazard if swallowed. Avoid contact with skin, eyes and clothing. Do not heat this product. Keep liquid and vapor away from heat, sparks and flames. Keep container closed. **DO NOT** take internally. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

### DISPOSAL

Refer to SDS for additional safe handling & disposal

**Liquiscent™ Substitute Solvent** has a low order of toxicity, with a low risk of environmental harm. Effluent analysis is required for proper waste disposal. The spent material can be added to your non-hazardous waste stream (cleaning solvents) to be disposed of according to Federal, State and Local Regulations.

## PACKAGING & STORAGE

HDPE UN Rated

1 Gallon EasyPour Jugs  
5 Gallon Pails  
55 Gallon Steel Drums (closed cap)

This product should be kept in its original container above freezing and less than 100 °F.  
**Store drums in a dry area.**

Freight easily shipped via local carriers ground



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