

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**PRECAUTIONARY STATEMENTS  
Hazards To Humans and Domestic Animals**

**Caution. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid contact with skin and eyes. Chemical resistant gloves must be worn when handling. Do not wear clothing grossly contaminated with the product.**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Handlers must wear chemical-resistant gloves (such as Nitrile, butyl, Neoprene, and/or Barrier -4- laminate).

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PESTICIDE STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**NOTICE:** Do not ship with food, feeds, drugs or clothing.  
**PESTICIDE STORAGE:** Store in a dry place between 40 °F and 140 °F.  
**PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**  
**Nonrefillable container:** Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mix tank. Triple rinse drum liner and remove liner and dispose of liner in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Then offer drum for recycling if available. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

**Notice:** Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

**DOWICIL™ 75 PRESERVATIVE  
Water Soluble Bags**

**A highly effective preservative to protect household, institutional and industrial formulations against deterioration from bacteria and fungi.**

**FOR INDUSTRIAL USE ONLY**

**Active Ingredient(s):**

**1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride ..... 64.0%**

**Other Ingredient(s):**

**..... 36.0%**

**Total 100.0%**



**LICENSED 9197.208**

PERIOD <b>2015-2017</b> LIC. NO. <b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice</li> <li>• Have person sip a glass of water if able to swallow</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 minutes</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye</li> <li>• Call poison control center or doctor for treatment advice</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing</li> <li>• Rinse skin immediately with plenty of water for 15 minutes</li> <li>• Call a poison control center or doctor immediately for treatment advice</li> </ul>
HOT LINE NUMBER	
<b>IN CASE OF AN EMERGENCY</b> endangering life or property involving this product, call collect 989-636-4400. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

E.P.A. Registration No. 464-403  
E.P.A. Est. 33967-NJ-001

Produced For



**THE DOW CHEMICAL COMPANY**

Midland, Michigan 48674  
(989) 636-4400

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**NET WT: 100 lb / 45.36 kg  
LOT:**

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

DOWICIL 75 PRESERVATIVE Water Soluble Bags when used according to good manufacturing practices, meets the requirements of Food Additive Regulations 21 CFR 175.105 for use as a preservative for adhesives; 21 CFR 177.1680 for preservation of polyurethane resins in contact with dry bulk foods; 21 CFR 176.170 for preservation of components of paper and paperboard intended for use in contact food and 21 CFR 176.180 for preservation of components of paper and paperboard intended for use in contact with dry foods.

**PESTICIDE FORMULATIONS**

DOWICIL 75 PRESERVATIVE Water Soluble Bags may be used as a preservative (inert ingredient) in water-based formulations which do not come in contact with food, food crops, feedstuffs, and water supplies and which are not applied to humans or food producing animals in concentrations not to exceed 0.2% by wt of the total formulation.  
Note: PRODUCERS USING THIS PRODUCT TO FORMULATE PESTICIDES ARE RESPONSIBLE FOR OBTAINING EPA REGISTRATION FOR THEIR FORMULATED PRODUCTS.

Refer to the table below as a formulation guide:

DOWICIL™ 75 PRESERVATIVE Water Soluble Bags	Formulation Weight (lbs)	Percent Solution
1	100,000	0.0025
1	5,000	0.05
1	2,500	0.1
1	1,250	0.2
1	1,000	0.25

**ADHESIVES**

To prevent pH drop, odor, gas formation, change in viscosity, and the loss of adhesives strength during manufacture, storage, and service add 0.07-0.66% DOWICIL 75 PRESERVATIVE Water Soluble Bags by wt of the formulation. Add at a suitable point in the manufacturing process.

For use in the following types of adhesives:

**Starch Based** (corn, tapioca, sago, potato, etc)  
Add 0.13%-0.27% DOWICIL 75 PRESERVATIVE Water Soluble Bags.  
**Protein-Derived** (animal glues such as hide, bone, fish, blood and gelatin)  
Add 0.13-0.66% DOWICIL 75 PRESERVATIVE Water Soluble Bags.

**Natural Gums** (Arabic, guar and tragacanth)  
Add 0.07-0.27% DOWICIL 75 PRESERVATIVE Water Soluble Bags.  
Highly Concentrated gums do not readily support bacterial or fungi growth; consequently, higher concentrations of DOWICIL 75 PRESERVATIVE Water Soluble Bags are required in the less concentrated gum solutions.

**Natural Rubber Latex**  
Add 0.07-0.2% DOWICIL 75 PRESERVATIVE Water Soluble Bags.

**Polyvinyl Acetate Emulsions**  
Add 0.07-0.2% DOWICIL 75 PRESERVATIVE Water Soluble Bags.  
**Synthetic Gums** (e.g. METHOCCEL™ methylcellulose gums) and **Other Synthetic-Based Adhesives**  
Add 0.07-0.2%\* DOWICIL 75 PRESERVATIVE Water Soluble Bags.

\*Synthetic adhesives formulations sometimes incorporate natural substances such as starches or proteinaceous materials. To preserve these formulations, use the level of preservative recommended for the adhesive containing only the natural material.

**CONSTRUCTION MATERIALS**

To increase shelf and use life of: caulking, grouting, spackling compounds, joint cements, construction adhesives, tape joint compounds, concrete admixes and sealing coatings.  
Add 0.07-0.3% DOWICIL 75 PRESERVATIVE Water Soluble Bags by wt of the formulation.

**NOTE: DOWICIL 75 PRESERVATIVE WATER SOLUBLE BAGS IS INCOMPATIBLE WITH CASEIN IN BOTH LIQUID AND DRY SYSTEMS AND WITH SOME TYPES OF AMINE-MODIFIED CLAYS.**

**HOUSEHOLD, INSTITUTIONAL & INDUSTRIAL POLISHES AND WAXES**  
To prevent deterioration during storage and to increase the shelf life of end use water based polishes and waxes, add 0.07-0.2% DOWICIL 75 PRESERVATIVE Water Soluble Bags by wt of the formulation. Add at a suitable point during the manufacturing process.

**LATEX EMULSIONS**

To prevent bacterial deterioration during manufacture, transit, and storage of raw emulsions, add 0.05-0.3% DOWICIL 75 PRESERVATIVE Water Soluble Bags by wt of the emulsion. Add at a suitable point during manufacturing.

**METALWORKING FLUIDS**

To control bacterial contamination that produces odors, rancidity, acidity and destruction of soluble cutting oils, add 0.015% minimum DOWICIL 75 PRESERVATIVE Water Soluble Bags by wt of the formulation. Add to the water phase of the cutting fluid during formulation. In case of severe microbial contamination, higher concentrations of DOWICIL 75 PRESERVATIVE Water Soluble Bags may be required. Concentrations of 0.1 - 0.25% DOWICIL 75 PRESERVATIVE Water Soluble Bags by wt are suggested for control of bacteria and fungi in recirculating metalworking lubricant systems.

**PAINT, COATINGS & INKS**

To preserve water-based paints, coatings and inks, add 0.01-0.25% DOWICIL 75 PRESERVATIVE Water Soluble Bags by wt of the formulation. Add at a suitable point during the manufacturing process.

**COLORANTS AND DISPERSED PIGMENTS**

**Product not registered for this use in California**  
To preserve colorants and dispersed pigments, add 0.025-0.25% DOWICIL 75 PRESERVATIVE Water Soluble Bags by wt of the formulation. Add at a suitable point during the manufacturing process.

**TEXTILE FINISHING AND SPINNING FLUIDS**

To prevent spoilage of textile finishing and spinning solutions and add 0.13-0.27% DOWICIL 75 PRESERVATIVE Water Soluble Bags by wt of the formulation. Add at a suitable point in the manufacturing process.

**HOUSEHOLD, INSTITUTIONAL AND INDUSTRIAL CLEANING & LAUNDRY PRODUCTS**

To prevent deterioration during storage and to increase the shelf life of end use water based household, institutional and industrial cleaning products, add up to 0.2% by weight of DOWICIL 75 PRESERVATIVE Water Soluble Bags to the formulation. Point of addition during manufacture depends on type of formulation and manufacturing process. May be added dry or as a concentrated aqueous solution.