

DOWICIL 75 PRESERVATIVE

Final Master Label

Page 1 of 5

# DOWICIL 75 PRESERVATIVE

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%

Inert Ingredient(s): ..... 36%

Total 100%

E.P.A. Registration No. 464-403

E.P.A. Est. 464-CA-1<sup>(Q7)</sup>, 33973-SC-1<sup>(8D)</sup>, 58493-NC-1<sup>(U3)</sup>

*Superscript used corresponds to alpha/numeric in lot number*

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

### Precautionary Statements

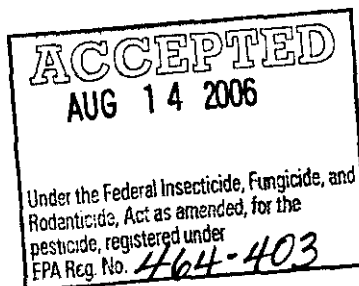
Hazards To Humans and Domestic Animals

#### Caution

Harmful if swallowed • Wash thoroughly with soap and water after handling. • 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).



FIRST AID	
<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 Rinising eye.</li></ul> Call poison control center or doctor for treatment advice.
<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></ul> Call a poison control center or doctor for treatment advice
<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>
HOT LINE NUMBER	
IN CASE OF AN EMERGENCY 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.	

#### 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 at room temperature below 140 F. Keep product in a closed container when not in use.

**For Product Supplied in Water-Soluble Bags:** 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 a site or at an approved waste disposal facility.

**Container Disposal:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State local authorities. Dispose of drum in the same manner.

#### **DIRECTIONS FOR USE**

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

DOWICIL 75 Preservative 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 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.

#### **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 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

**Protein-Derived** (animal glues such as hide, bone, fish, blood and gelatin)  
Add 0.13-0.66% DOWICIL 75 Preservative

**Natural Gums** (Arabic, guar and tragacanth)  
Add 0.07-0.27% DOWICIL 75 Preservative

Highly concentrated gums do not readily support bacterial or fungi growth; consequently, higher concentrations of DOWICIL 75 Preservative are required in the less concentrated gum solutions.

**Natural Rubber Latex**  
Add 0.07-0.2% DOWICIL 75 Preservative

**Polyvinyl Acetate Emulsions**  
Add 0.07-0.2% DOWICIL 75 Preservative

**Synthetic Gums (e.g. METHOCEL\* methylcellulose gums) and Other Synthetic-Based Adhesives**

Add 0.07-0.2%† DOWICIL 75 Preservative

†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 by wt of the formulation.

**NOTE: DOWICIL 75 PRESERVATIVE 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 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 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 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 may be required. Concentrations of 0.1-0.25% DOWICIL 75 Preservative 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 by wt of the formulation. Add at a suitable point during the manufacturing process.

5 8 5

**DOWICIL 75 PRESERVATIVE**

Final Master Label

Page 5 of 5

**PACKER FLUIDS, RECIRCULATED MUDS AND UNDERGROUD STRATA**

For use with closed delivery systems only.

To prevent bacterial growth in recirculated muds, packer fluids, and underground strata, add 0.03 - 0.05% DOWICIL 75 Preservative by wt of mud or packer fluid. Add .0025 - .005 % by wt underground water flooding. Add at a suitable point in the closed delivery system.

**PULP AND PAPER**

To protect coatings, finishes, and printing colors based on starch and latex (natural and synthetic) from bacterial and fungal attack, add 0.13-0.27% DOWICIL 75 Preservative by wt of the formulation. Add as an aqueous solution. These concentrations will protect against bacterial and fungal growth for 3-6 days. Longer periods of preservation require higher concentrations.

**TEXTILE FINISHING AND SPINNING FLUIDS**

To prevent spoilage of textile finishing and spinning solutions and add 0.13-0.27% DOWICIL 75 Preservative 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 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.

**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.

NET WT:

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