

GLUE



120/4443 CRCGLJ 5/7/02
Base Label

DOWICIL^{*} 75 Preservative

A highly effective preservative for paints, latexes, metalworking lubricants, and other 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(OT), 33973-SC-1(80), 58493-NC-1(US),
72208-FRA-1
Superscript used corresponds to alpha/numeric in lot number.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENT

Hazard 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 • Wash Thoroughly With Soap and Water After Handling • Do Not Wear Clothing Grossly Contaminated With The Product

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • Call Poison Control Center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor.
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.	

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.

NOTICE

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

STORAGE AND DISPOSAL

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

COLORS: PMS 485 Red, UV Varnish
CHEC INITIALS: CH

274



Pesticide Storage: Store at room temperature. Do not leave containers of this product open during storage.

Pesticide Disposal: Wastes 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 and local authorities. Dispose of drum in the same manner.

Notice: Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

Note: Read and Follow Complete Directions for Use Given on the Removable Portion of this Label.

45.36 kg/100 lb net

302
24683-L19

4252243-XX/XX/XX



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THE DOW CHEMICAL COMPAN

Midland, Michigan 48674 U.S.A.

(989)636-4400

* Trademark of THE DOW CHEMICAL COMPANY

ACCEPTED
JUL 29 2002
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. *464-403*

130/4443 CRCGLJ 5/7/02
Top Label

DOWICIL^{*} 75 Preservative

A highly effective preservative for paints, latexes, metalworking lubricants, and other industrial formulations against deterioration from bacteria and fungi.

For Industrial Use Only

Active ingredient(s):	
1-(3-chloroethyl)-3,5,7-triaza-1-azoniaadamantane chloride	84%
Inert ingredient(s):	39%
Total	100%

E.P.A. Registration No. 464-463
E.P.A. Est. 464-CA-1(B1), 33973-SC-1(40), 58493-NC-1(10),
72208-FRA-1
Superscript used corresponds to alpha/numeric in lot number.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENT

Hazard 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 • Wash Thoroughly With Soap and Water After Handling • Do Not Wear Clothing Grossly Contaminated With The Product

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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 and local authorities. Dispose of drum in the same manner.

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Note: Read and Follow Complete Directions for Use Given on the Removable Portion of this Label.

Tear along perforation to remove information label.

FIRST AID	
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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.

NOTICE
Do Not Ship or Store with Food, Feeds, Drugs, or Clothing
STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage and disposal.

302 4252243-XX/XX/XX
24683-L20



THE DOW CHEMICAL COMPANY
Midland, Michigan 48674 U.S.A.

(989)636-4400

* Trademark of THE DOW CHEMICAL COMPANY

COLORS: PMS 485 Red, UV Varnish
CHEC INITIALS: CH

PERFORATED TEAR TAB

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 in adhesives; 21 CFR 177.1680 for preservation of polyurethane resins in contact with dry bulk foods; 21 CFR 178.170 for preservation of components of paper and paperboard intended for use in contact with food; and 21 CFR 178.180 for preservation of components of paper and paperboard intended for use in contact with dry foods.

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.

Preparation and storage of solutions of DOWICIL 75 Preservative are best done in vented vessels. Special precautions must be taken if an air-tight container is used since a concentrated solution can develop pressure in a closed system, especially if it becomes contaminated with an acid (causing the release of carbon dioxide).

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 loss of adhesive strength during manufacture, storage, and service, add 0.07 - 0.66% DOWICIL 75 Preservative by wt to the formulation. Add as a concentrated aqueous solution.

For use in the following types of adhesives:

Starch Based (corn, tapioca, sago, potato, etc.)

Add 0.13 - 0.27% DOWICIL 75 Preservative by wt as a concentrated aqueous solution.

Protein-Derived (animal glues such as hide, bone, fish, blood, and gelatin)

Add 0.13 - 0.66% DOWICIL 75 Preservative by wt as a concentrated aqueous solution.

Natural Gums (arabic, guar, and tragacanth)

Add 0.07-0.27% DOWICIL 75 Preservative by wt as a concentrated aqueous solution. Highly concentrated gums do not support readily bacterial or fungal 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 by wt as a concentrated aqueous solution.

Polyvinyl Acetate Emulsions

Add 0.07 - 0.2% DOWICIL 75 Preservative by wt as a concentrated aqueous solution.

Synthetic Gums (e.g., METHOCEL[®] methylcellulose gums) and **Other Synthetic-Based Adhesives**

Add 0.07 - 0.2%+ DOWICIL 75 Preservative by wt as a concentrated aqueous solution.

Synthetic adhesive 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, and joint cements, add 0.07 - 0.3% DOWICIL 75 Preservative by wt of the formulation. Method of application depends on the type of formulation, and may be made dry or as a concentrated aqueous solution.

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

DETERGENTS

To prevent bacterial deterioration during storage and to increase the shelf life of biodegradable surfactants, add 0.04 - 0.13% DOWICIL 75 Preservative by wt of the formulation. Add as an aqueous solution.

FLOOR WAX EMULSIONS AND FLOOR

POLISHES

To preserve water-based waxes and polishes during storage, add 0.07 - 0.2% DOWICIL 75 Preservative by wt of the formulation. Add as an aqueous solution.

INKS

To increase the shelf life of water-based fountain pen, fabric, and paper printing inks, add 0.2 - 0.27% DOWICIL 75 Preservative by wt of the ink. Add as an aqueous solution.

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 total emulsion. Add as an aqueous solution.

LAUNDRY STARCH

To increase shelf and use life of liquid formulations, add 0.07 - 0.2% DOWICIL 75 Preservative by wt of the formulation. Add as an aqueous solution.

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

To preserve cellulose-thickened latex paints in the can, add 0.01 - 0.2% DOWICIL 75 Preservative by wt of the formulation. Add dry or as an aqueous solution during any phase of the formulating process in the aqueous-phase raw materials. DOWICIL 75 Preservative has no effect on the viscosity, stability, and other physical properties of the paint formulation or on the colorfastness of the paint films.

PETROLEUM PRODUCTION AND RECOVERY

For use with closed delivery systems only. To prevent bacterial growth in recirculated muds, packer fluids, and underground strata, add 0.075 - 0.125 lb (300-500 ppm) DOWICIL 75 Preservative per barrel of mud or packer fluid, and 25-50 ppm in underground water flooding. Add as an aqueous solution.

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.

TEXTILES

To prevent spoilage of spinning emulsions for rayon and finishing solutions, and to prevent viscosity and pH changes in printing pastes caused by bacteria and fungi, add 0.13 - 0.27% DOWICIL 75 Preservative by wt of the formulation. Add as an aqueous solution.