

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

**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.

# CANGUARD™ 64 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 ..... **64.0%**

Other Ingredient(s): ..... **36.0%**

**Total ..... 100.0%**

### FIRST AID

<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

**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.

Produced For



**THE DOW CHEMICAL COMPANY**

Midland, Michigan 48674  
(989) 636-4400

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

E.P.A. Est. 33967-NJ-001

**NET WT: 100 lb / 45.4 kg**

**LOT:**

## DIRECTIONS FOR USE

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

CANGUARD 64 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.

### 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% CANGUARD 64 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% CANGUARD 64 Preservative.

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

Add 0.13-0.66% CANGUARD 64 Preservative.

**Natural Gums** (Arabic, guar and tragacanth)

Add 0.07-0.27% CANGUARD 64 Preservative.

Highly Concentrated gums do not readily support bacterial or fungi growth; consequently, higher concentrations of CANGUARD 64 Preservative are required in the less concentrated gum solutions.

**Natural Rubber Latex**

Add 0.07-0.2% CANGUARD 64 Preservative.

**Polyvinyl Acetate Emulsions**

Add 0.07-0.2% CANGUARD 64 Preservative.

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

Add 0.07-0.2%\* CANGUARD 64 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% CANGUARD 64 Preservative by wt of the formulation.

**NOTE: CANGUARD 64 PRESERVATIVE IS INCOMPATIBLE WITH CASEIN IN BOTH LIQUID AND DRY SYSTEMS AND WITH SOME TYPES OF AMINE-MODIFIED CLAYS.**



**LICENSED**

PERIOD **2014-2016** LIC. NO.

**9197.218**