

PM-31

Reg # 10352-38

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Union Carbide Corporation
P. O. Box 670
Bound Brook, NJ 08805

MAY 8 1995

Attention: Joan E. Young

Subject: UCARCIDE 250 Preservative
EPA Registration Number 10352-38
Your Submission Dated February 7, 1994
EPA Received Date February 25, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to amend the the Hazards Warnings Statement, is acceptable provided that you make the following labeling revisions:

The heading "Hazards to Humans and Domestic Animals" is acceptable.

Revise the statement "May cause allergic skin reaction" to read "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."

The addition of the statement "Cause asthmatic signs and symptoms in hyper-reactive individuals" to the product labeling is acceptable.

A stamped copy of the labeling is enclosed for your records. Submit one (1) copy of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-305-6966.

Sincerely yours,



Marion J. Johnson
Product Manager (31)
Antimicrobial Program Branch
Registration Division (7505C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER
KEEP OUT OF REACH OF CHILDREN**

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. May be fatal if swallowed. Harmful if absorbed through skin. May cause allergic skin reaction. Causes asthmatic signs and symptoms in hyper-reactive individuals.
Do not get in eyes, on skin, on clothing.
Avoid breathing vapor. Do not swallow.
Wear goggles, protective clothing, and rubber gloves.
Wash thoroughly with soap and water after handling.
Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

STORAGE AND HANDLING

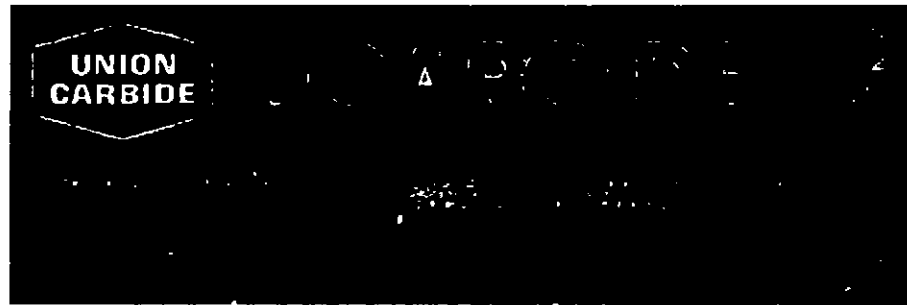
UCARCIDE® 250 Preservative solutions are incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about -6°F (-21°C). Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 100°F (37.8°C) can be tolerated but the preferred maximum storage temperature is about 80°F (26.7°C). A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLON® is suitable for gaskets and packing.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness and of toxicity to laboratory animals. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. This warranty does not extend to, and the Buyer shall be solely responsible for, any and all loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT SUCH LIABILITY IS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED. A. THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**BEFORE HANDLING OR USING, READ AND UNDERSTAND
CURRENT UNION CARBIDE MATERIAL SAFETY DATA
SHEET FOR THIS PRODUCT.**



Active Ingredient: Glutaraldehyde 50.0%
Inert Ingredients:..... 50.0%
100.0%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention.
IF ON SKIN: Immediately wash with plenty of soap and water. Get medical attention.
IF INHALED: Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, consult a physician.
IF SWALLOWED: DO NOT INDUCE VOMITING. Do not give anything to drink. Seek medical attention as a matter of urgency.
NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucosal damage may occur. Use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

UNION CARBIDE CORPORATION

39 Old Ridgebury Road • Danbury, CT 06817-0001

EPA Reg. No. 10352-38

UCARCIDE is a registered trademark

of Union Carbide

Net Contents 5 or 55 gallons

EPA Est. No.

UCC-L90

90290 PRODUCT CODE	CONTAINER SIZE 5 GALLONS	CONTAINER SIZE 55 GALLONS	SHIPPING NAME	CORROSIVE (CONTAINS GL)
	46 POUNDS NET WEIGHT	563 POUNDS NET WEIGHT	HAZARD CLASS 0	ID NUMBER UN 1780

**EMERGENCY CONTACT (24 HOURS PER DAY): IN USA 1-800-UCC-HELP (1-800-842-2253)
OUTSIDE USA 01-304-744-3400**

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MENTS
STIC ANIMALS

CHILDREN

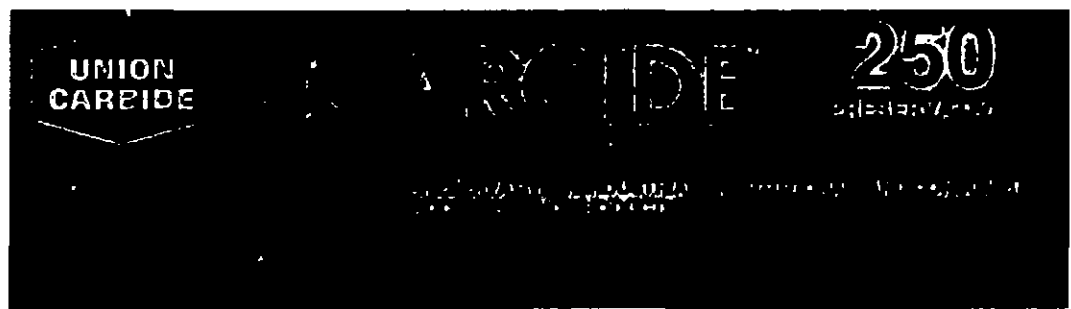
is. Harmful if inhaled. May cause allergic skin reaction. Iuals.

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 monly used materials of e solutions can be stored and forced epoxy plastic equipment. tank is inside or underground, high temperatures should be up to 100°F (37.8°C) can be 6.7 C). wound stainless steel with

AIMER
 description on the label; (b) that ns for use when it is used in d other statements on this label effectiveness and of toxicity to es or under all conditions. THE AUTHORIZE ANY AGENT OR SSED OR IMPLIED, AND IT TIES OF MERCHANTABILITY tend to, and the Buyer shall be the use of this product in any s

S EXCLUSIVE LIABILITY FOR ALTING FROM THE USE OR TY IS BASED IN CONTRACT. ALL BE LIMITED AT THE YMENT OF THE PURCHASE H DAMAGES ARE CLAIMED OR SPECIAL, INDIRECT OR NG OF T S PRODUCT.



Active Ingredient: Glutaraldehyde 50.0%
 Inert Ingredients: 50.0%
 100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention.

IF ON SKIN: Immediately wash with plenty of soap and water. Get medical attention.

IF INHALED: Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, call a physician.

IF SWALLOWED: DO NOT INDUCE VOMITING Do not give anything to drink. Seek medical advice with urgency.

NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

UNION CARBIDE CORPORATION

39 Old Ridgebury Road • Danbury, CT 06817-0001
 EPA Reg. No. 10352-38
 UCARCIDE is a registered trademark of Union Carbide
 Net Contents 5 or 55 gallons

EPA Est. No. 10352-WV-2
 UCC-L90290 (C 02/94)
 Made In USA
 PE0294

90290 PRODUCT CODE	CONTAINER SIZE	CONTAINER SIZE	SHIPPING NAME	CORROSIVE LIQUID, N.O.S. (CONTAINS GLUTARALDEHYDE)	
	5 GALLONS	55 GALLONS		HAZARD CLASS	ID NUMBER
	46 POUNDS NET WEIGHT	500 POUNDS NET WEIGHT	8	UN 1760	PG II

**EMERGENCY CONTACT (24 HOURS PER DAY): IN USA 1-800-UCC-HELP (1-800-822-4357)
 OUTSIDE USA 01-304-744-3487**

DIRECTIONS FOR USE
GENERAL CLASSIFICATION

It is a violation of Federal law to use this product in a manner inconsistent with

GENERAL PRESERVATIVE USE

UCARCIDE® 250 Preservative is recommended for use in aqueous or water containing systems, including industrial, institutional and consumer in-can processes and production of bacteria and fungi. For effective preservation, add UCARCIDE® 250 Preservative to the product formulation at a rate of 0.02% to 0.20% based on the water content of the product (UCARCIDE® 250 Preservative/1000 lbs water content). Mix uniformly.

PRESERVATIVE FOR CONCENTRATES

For use in concentrates where effective preservation is needed after dilution, add UCARCIDE® 250 Preservative to the product formulation at a rate such that the diluted end-use product contains 0.02% to 0.20% UCARCIDE® 250 Preservative.

At no time during the preservation process should the level of UCARCIDE® 250 Preservative exceed 2.0%.

REVERSE OSMOSIS MEMBRANES

For effective preservation of reverse osmosis elements (where approved for complete membrane manufacturer), immerse element in a tank containing 0.2% to 2.0% UCARCIDE® 250 Preservative.

UCARCIDE® 250 Preservative can also be added to in-line recirculating systems of installed out-of-service reverse osmosis equipment (where approved for complete membrane manufacturer). Add 0.2% to 2.0% UCARCIDE® 250 Preservative to the tank in the system. Maintain UCARCIDE® 250 Preservative concentration by periodic addition to any system leakage.

ACCEPTED
 with COMMENTS
 in EPA Letter Direct
 MAY 8 1995
 10352-38

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray, or other material is prohibited. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or your Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Metal Containers or Plastic Containers: Triple rinse (or offer for recycling or reconditioning), or puncture and dispose of in a sanitary landfill, or approved by state and local authorities. Plastic Containers: May be incinerated, or, approved by state and local authorities, by burning. If burned, stay out of smoke. Metal Containers: May be incinerated. Do not cut or weld on or near metal containers.

DO NOT UNDERSTAND SAFETY DATA SHEET.