

PM 31 10352-23

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 13 1995

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

Attention: Ms. Joan E. Young,  
Regulatory Affairs Manager

Subject: AQUICAR 515 Water Treatment Microbiocide  
EPA Registration Number 10352-23  
Your Submission Dated February 25, 1994  
EPA Received Date March 8, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to amend the Hazard Warnings Statements, 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 "Causes asthmatic signs and symptoms in hyper-reactive individuals" is acceptable.

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

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

Sincerely,



Walter C. Francis  
Acting 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 irritation. Harmful if inhaled. Harmful if swallowed. 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 product 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 Pollution 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**

ACUCAR® 515 Water Treatment Microbiocidal 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 phenylene-lined steel, polyethylene, stainless steel, or reinforced epoxy-phenolic equipment. This product freezes at about 26.3°F (-4.9°C). Therefore, unless the storage tank is inside or outdoors and, 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 60°F (15.7°C). A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLO® 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 uses 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 reasonable expert 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.

SUPPLIER'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, AT 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 \_\_\_\_\_ 15.0%  
Inert Ingredients: \_\_\_\_\_ 85.0%  
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:** 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**

36 Old Ridgebury Road • Danbury, CT 06817-0001  
EPA Reg. No. 10352-23  
ACUCAR is a registered trademark  
of Union Carbide  
Net Contents 30 or 55 gallons

EPA Est. No. 10352-WV-2  
UCC-L80225 (E 02/94)  
Made in USA  
PE0294

ACUCAR® 515 with COMMENTS in the Label	90225 PRODUCT CODE	CONTAINER SIZE	CONTAINER SIZE
		30 GALLONS	55 GALLONS
		45 POUNDS NET WEIGHT	55 POUNDS NET WEIGHT

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

MAR 13 1995

Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended, this pesticide  
registered under EPA Reg. No.  
10352-23

**DIRECT  
GENERAL**

It is a violation of Federal law to use this product in a manner inconsistent with the label directions.

**AIR WASHERS AND INDUSTRIAL  
RECIRCULATING COOLING SYSTEMS**

This product may be used only in industrial air washers and recirculating cooling systems.

ACUCAR® 515 Water Treatment Microbiocidal solutions are used in industrial air washers and recirculating cooling systems. 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.

ACUCAR® 515 Water Treatment Microbiocidal solutions are used in industrial air washers and recirculating cooling systems. 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.

**INTERMITTENT (SLOW FLOW)**

Initial Dose: When the system is retroactively cleaned, use 100 gallons of ACUCAR® 515 Water Treatment Microbiocidal per 100 gallons of water.

Subsequent Dose: When microbial control is required, use 100 gallons of ACUCAR® 515 Water Treatment Microbiocidal per 100 gallons of water.

Daily tested systems must be cleaned before use.

**CONTINUOUS**

Initial Dose: When the system is retroactively cleaned, use 100 gallons of ACUCAR® 515 Water Treatment Microbiocidal per 100 gallons of water. Subsequent Dose: Maintain this treatment level of ACUCAR® 515 Water Treatment Microbiocidal per 100 gallons of water. Daily tested systems must be cleaned before use.

**SERVICE WATER AND AIR**

ACUCAR® 515 Water Treatment Microbiocidal solutions are used in service water and air systems. 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.

**HEAT TRANSFER SYSTEMS**

ACUCAR® 515 Water Treatment Microbiocidal solutions are used in heat transfer systems. 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.

**INDUSTRIAL WASTEWATER**

ACUCAR® 515 Water Treatment Microbiocidal solutions are used in industrial wastewater systems. 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.

**MACROFOULING CONTROL**

ACUCAR® 515 Water Treatment Microbiocidal solutions are used in macrofouling control systems. 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.

**STORAGE**

THIS PRODUCT IS EXTREMELY FLAMMABLE. Do not store in a hot area. Do not store in a confined space. Do not store in a room with a fire hazard. Do not store in a room with a high temperature. Do not store in a room with a high humidity. Do not store in a room with a high concentration of dust. Do not store in a room with a high concentration of oil. Do not store in a room with a high concentration of grease. Do not store in a room with a high concentration of dirt. Do not store in a room with a high concentration of debris. Do not store in a room with a high concentration of lint. Do not store in a room with a high concentration of hair. Do not store in a room with a high concentration of skin. Do not store in a room with a high concentration of clothing. Do not store in a room with a high concentration of shoes. Do not store in a room with a high concentration of bags. Do not store in a room with a high concentration of boxes. Do not store in a room with a high concentration of crates. Do not store in a room with a high concentration of pallets. Do not store in a room with a high concentration of drums. Do not store in a room with a high concentration of tanks. Do not store in a room with a high concentration of containers. Do not store in a room with a high concentration of equipment. Do not store in a room with a high concentration of machinery. Do not store in a room with a high concentration of tools. Do not store in a room with a high concentration of materials. Do not store in a room with a high concentration of products. Do not store in a room with a high concentration of waste. Do not store in a room with a high concentration of scrap. Do not store in a room with a high concentration of rejects. Do not store in a room with a high concentration of returns. Do not store in a room with a high concentration of overruns. Do not store in a room with a high concentration of off-specs. Do not store in a room with a high concentration of rework. Do not store in a room with a high concentration of scrap. Do not store in a room with a high concentration of rejects. Do not store in a room with a high concentration of returns. Do not store in a room with a high concentration of overruns. Do not store in a room with a high concentration of off-specs. Do not store in a room with a high concentration of rework.

**BEST COPY AVAILABLE**