See MSDS for exposure limits of components.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive Causes irreversible eye damage. Causes skin burns. May be fatal if swallowed or absorbed through the skin. Harmful if inhaled. May cause skin sensitization.

Do not get in eyes, on skin on clothing.
Avoid breathing vapor. Do not swallow.

Wear goggles, protective clothing and rubber gloves.
Avoid breathing vapors. 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 active ingredient into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL PROPERTIES

Specific Gravity at 20/20°C	1.03	Solubility in Water at 20°C	Complete
Vapor Pressure at 20°C	15 mm Hg	Solubility of Water in at 20°C	Complete
Freezing Point	-14°C	pH at 25°C	3.1 to 4.5

STORAGE AND HANDLING

AQUCAR® 542 Water Treatment Microbiocide solutions are corrosive to 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 -14°C (7°F). 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 can be tolerated but the preferred maximum storage temperature is about 80°F.

A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLON® is suitable for gaskets and packing.

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, 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 equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by state and local authorities. Do not cut, or weld on or near metal containers. **Plastic Containers:** may be incinerated, if allowed by state and local authorities. If burned, stay out of smoke. **Metal Containers:** must not be incinerated.

UNION CARBIDE

Aqucar® 542 WATER TREATMENT MICROBIOCIDE

A MICROBIOCIDE FOR USE IN CONTROLLING SLIME FORMING BACTERIA, SULFATE-REDUCING BACTERIA AND ALGAE IN AIR WASHERS, RETORT WATER SYSTEMS, AND RECIRCULATING WATER COOLING TOWERS AND SYSTEMS.

Active Ingredients:

Glutaraldehyde	42.5%
Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride	7.5%
Inert Ingredients	50.0%
	100%

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.

UNION CARBIDE CHEMICALS AND PLASTICS COMPANY INC. • SPECIALTY CHEMICALS DIVISION

39 Old Ridgebury Road • Danbury, Ct 06817-0001
EPA Reg. No. 10352-33
AQUCAR® is a registered trademark of Union Carbide Corporation
Net Wt. 505 lb. (229.1 kg)

EPA Est. No 10352-WV-2
UCC-L14350 (2/90)
Made in USA

DOT SHIPPING NAME	CORROSIVE LIQUID, N O S (GLUTARALDEHYDE MIXTURE)	UN 1760 ID NUMBER	14350 PRODUCT CODE	CONTAINER SIZE 55 GALLONS
IMO SHIPPING NAME	CORROSIVE LIQUID, N O S (GLUTARALDEHYDE MIXTURE)	1760 UN NUMBER		505 POUNDS NET WEIGHT

IN CASE OF EMERGENCY, TELEPHONE (24 HOURS PER DAY) IN USA 1-800-UCC-HELP.

DATE AUG 24 1990
PER PR NOTICE 86-5
LABEL NOT REVIEWED
NOT PRICED

DII

It is a violation of Federal law to

AIR WASHERS AND REC

AQUCAR® 542 Water Treatment Microl
of uniform mixing such as the beam area
Badly fouled systems can be shock tre
these conditions, blowdown should be d

INTERMITTENT (SLUG DOSE) METHOD
Initial Dose: When the system is noticed
Treatment Microbiocide per 1000 gallons

Subsequent Dose: When microbial cont
Treatment Microbiocide per 1000 gallons

Badly fouled systems must be cleaned be

CONTINUOUS FEED METHOD
Initial Dose: When the system is noticed
Treatment Microbiocide per 1000 gallons

Subsequent Dose: Maintain this treatm
of AQUCAR® 542 Water Treatment Micro

Badly fouled systems must be cleaned be

LIMITED W

The manufacturer warrants (a) that this
that this product is reasonably fit for the
accordance with such directions, and (c)
are based upon responsible experts' evalu
animals. Tests have not been made o
MANUFACTURER NEITHER MAKES N
REPRESENTATIVE TO MAKE, ANY OTH
EXCLUDES AND DISCLAIMS ALL IMPLI
PARTICULAR PURPOSE. This warranty
for, any and all loss or damage which resu
with the label directions, warnings or caut

BUYER'S EXCLUSIVE REMEDY AND MA
AND ALL CLAIMS, LOSSES, DAMAGES,
THIS PRODUCT, WHETHER OR NOT SU
LIABILITY IN TORT OR OTHERWISE. S
REPLACEMENT OF, OR THE REPAYMENT
WITH RESPECT TO WHICH DAMAGES AR
BE LIABLE FOR SPECIAL, INDIRECT OR
HANDLING OF THIS PRODUCT.