#### U.S. PUBLIC HEALTH SERVICE FOOD SERVICE SANITIZATION RECOMMENDATIONS

#### Cleaning and Sanitizing

Equipment and utensils shall be thoroughly preffushed or prescraped, and when necessary, presoaked to remove grass food particles and soil

- 1) Thoroughly wash equipment and utensits in a hol detergent solution
- 2). Rinse utensils and equipment thoroughly with clean m 4161

Sanitize equipment and utensits by immers on in a t nava gation solution of harman is ins (150 ppm actives for as least 60 seconds at a temperatife of This dilution is equivalent to a solution containing fülippm available chiorine.

- 4) For equipment and utensis too large to san fize by mimersion apply a 1 oz 2 gallon solution of matter, m. 49 (300 ppm active) by rinsing spraying or swapping until thoroughly wetted
- 5). Allow sanifized surfaces to drain and air dry. Do not 1103@

Multiquet, No. 455 meets the requirements of 21 CFR 178 1310

> **VCCELLED** was adding Nag In El Viletter Imost

AUG 29 1984

Tribe the Edital Teast ride, and Redenticate Act for the postimide 2686-8

Sanitum of Food Processing Equipment and Other Hard Surfaces in Food Confect Lecalizes for innitizing stand processing interpreted daily equipment took utents a dishes schemate glasses sould give conditions are greaters storage and disher end and other hard non-porous surfaces. No Potable water rince is required.

Wish and rinse all articles their, righty then apply a solution of toy. Multitiquat No. 455 in 4 gallons of water (150 ppm active), but faces should remain entitle at least one minute 1 stoled by adequate draining and air drying. Fresh solution should be prepared daily or when use solution becomes untill unity. For mechanical application, use solution may not be reused for sanitzing

Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush or mechanical spray device. He Potable water thee is required.

Dishes shierware glasses cooking utensits and other similar size bold processing equipment i an be sentized by immersion in a 1 oz/4 gallon solution of missipus, misss. Me Potable water raise to required.

At 1 or 4 gattons mutuess, no. 4% hut is the criteria of Appendix F of the Grade "A" Pasteurized Mak Ordinances 1978 Recommendations of the U.S. Public Health lienices in eaters up to 600 ppm of hardness calculated as CaCO<sub>3</sub> mene exeruted by the AOAC Germicidal and Detergent Sanitizer Method against Escherichia coli and Staphylococcus auraus.

The udders, flanks an 1 leaks of dainy cows can be sanitized by washing with a solution of 1 cit materials, we assume displaying of earm eater. He Polable water sheety required. Use a fresh tower by each comment and displaying solution by diff and soil. Do not diplayed yowed by a into sensiting solution. When solution becomes which dirty discard and provide fresh

# Precautionary Statements

Hazards to Humans and domestic animals

# DANGEH

Keep out of reach of children. Corrosive. Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling, Harmful if swallowed. Do not breathe spray mist. Avoid contamination of food.

# STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL
- -OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

## PESTICIDE DISPOSAL

PESTICIDE SPRAY MIXTURE OR RINSE WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES UNDER SUBTITLE C OF THE RESOURCE CONSERVATION AND RECOVERY ACT

# **CONTAINER DISPOSAL**

TRIPLE RINSE (OR EQUIVALENT) THEN OFFER FOR RECYCLING OR RECONDITIONING OR DISPOSE OF IN A SANITARY LANDFILL, OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES

## GENERAL

CONSULT FEDERAL STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE **PROCEURES** 

BEST DOCUMENT AVAILABLE

# MULTIQUAT, No. 455

Disinfectant-Sanitizer Fungicide-Virucide\*-Deodorizer with Organic Soil Tolerance for Hospital, Institutional Industrial, School, Dairy and Other Farm Use

## Active Ingredients

Octyl decyl dimethyl ammonium chloride 2.250% 1.125%

Didecyl dimethyl ammonium chloride Dioctyl dimethyl ammonium chloride

1.125% Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40%; C<sub>16</sub>, 10%) dimethyl benzyl ammonium chloride 3.000%

Inert Ingredients

92.500%

Mail

100.000%

# KEEP OUT OF REACH OF CHILDREN

# DANGER

## Statement of Practical Treatment

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed

## SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

2686-

EPA Establishment No.

2686-IA-1

Net Contents

Manufactured by HYDRITE CHEMICAL COMPANY

2655 N. Mayfair Road, Milwaukee, WI 53226

For Sale For Use And Storage By Maintenance Personnel Only Proceeding Equipment and Other Nard Surfeces in Food Fur san light, shot processing equipment daily casts dishes shipment glasses sink tips counterries and other hard non-pulsual employer lines to required.

Mail Process

sinces theroughly then apply a solution of so. Multisipliat, of water 150cpm active? Surfaces should remain welfor a realowed by adequate disening and as drying. Fresh prepared daily or when use solution becomes visibly dirty prepared only or when use solution becomes visibly daily or pared to use solution may not be reused for saniszing.

countertops, talingerated storage and display equipment by hard surfaces by cloth or brush or mechanical spray water rises to required.

glasses cooking utensits and other similar size food entican be santized by immersion in a 5 oz/4 gallon as most. No Potable water rines to required.

micross. Inc. 135 fulfiles the criterie of Appendix F. of the red Mile Ordinances 1978 Recommendations of the U.S. e.s. in safety up to 800 ppm of hardness calculated as alred by the AOAC Garmicidal and Defergent Saintizer Charicha coal and Stephylococcus aureus.

an steads of daily coas can be sandized by washing with a figura, m. 450 in 4 galons of warm eater like Polable as Use attached to each coal Avoid contamination by distant and both Do not do used fower back into sanishing lution becomes weatly disty, decard and provide trash

# hary Statements

Humans and domestic animals

# **DANGER**

ech of children. Corrosive, Causes eye and Do not get in eyes, on skin, or on clothing, riface shield and rubber gloves when handing flowed. Do not breethe spray mist. I rold of food.

# RAGE AND DISPOSAL

NTAMINATE WATER, FOOD, OR FF EDBY DR DISPOSAL

PING IS PROHIBITED

USE EMPTY CONTAINER

## DISPOSAL

PRAY MIXTURE OR RINSE WATER THAT SED ACCORDING TO LABEL INSTRUCTURE DISPOSED OF ACCORDING TO APPROVED STATE PROCEDURES UNDER DET THE RESOURCE CONSERVATION AND CT

## DISPOSAL

E (OR EQUIVALENT) THEN OFFER FOR OR RECONDITIONING OR DISPOSE OF RY LANDFILL, OR BY INCINERATION IF STATE AND LOCAL AUTHORITIES

DERAL, STATE OR LOCAL DISPOSAL FOR APPROVED ALTERNATIVE

AVAILABLE

# MULTIQUAT, No. 455

Disinfectant-Sanitizer
Fungicide-Virucide\*-Deodorizer
with Organic Soil Tolerance
for Hospital, Institutional
Industrial, School, Dairy and Other Farm Use

## Active Ingredients

Octyl decyl dimethyl ammonium chloride 2.250%
Didecyl dimethyl ammonium chloride 1.125%
Dioctyl dimethyl ammonium chloride 1.125%
Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40%; C<sub>16</sub>, 10%) dimethyl benzyl ammonium chloride 3.000%

# Inert Ingredients

92.500%

100.000%

# KEEP OUT OF REACH OF CHILDREN

# **DANGER**

## Statement of Practical Treatment

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAM: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

# SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

2686-

EPA Establishment No.

2686-IA-1

## **Net Contents**

Manufactured by HYDRITE CHEMICAL COMPANY

2655 N. Mayfair Road, Milwaukee, WI 53226

For Sale For Use And Storage By Maintenance Personnel Only

# Directions for Use GENERAL CLASSIFICATION

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

Apply massaure to the with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when the use solution becomes visibly dirty.

Disinfection in Hospitals, Nursing Homes and Other Health Care Institutions. For disinfecting floors, walls, countertops bathing areas, lavatories bedframes, tables, chairs, garbage pails and other hard non-porous surfaces.

Add 3.5 oz marriams to 4.5 gallons water Aply to previously creaned hard surfaces. At this use level, Miltigust, No. 455 is effective against Pseudomonas aeruginosa. Staphylococcus aureus and Salmonetta choteraesus in the presence of 5% blood serum when evaluated by the AOAC Use-Diutron test.

\*Virucidal Performance. At a 35 oz/45 gatton use level Mult1: πust, No. 455 was evaluated in the presence of 5% serum and found to be effective against the following viruses Herpes simplex, Vaccinia, and Influenza A<sub>2</sub> (Hong Kong) on inanimate environmental surfaces

Disinfection in Institutions, Industry and Schools, Add 2 oz of manager, mark to 4.5 gations of water

Fungicidal Performance. At 0.5 oz. to 2.25 gallons of water use level. Mutamicida 495 is an effective fungicide against Trichophylon mentagrophyles (the 4thlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities, utilizing the AOAC Fungicidal Test.

Disinfection of Berber Tools. Preciozned barber tools (such as combs. brushes, razors, and scorols) can be disinfected by immersing in a 0.5 oz /gallon solution of <u>waterquae</u> (kg. 455

Disinfection of Pourity Equipment, Belgrat Quarters and Kennels. Poulity brooders, watering founts feeding equipment and other animal quarters (such as statis and kennel areas) can be disinfected aftersho outh cleaning by applying a solution of 2 oz hashale. This is to 4,5,9 stone of water Small idensis should be immersed in this solution. Prior to disinfection all poulity, other arimals and their feeds must be removed from the promises. Their cludge emptying all troughs, racks and other feeding and extering appliances. Hemove all lifter and cluggings from floors, walls and other surfaces occupied or traversed by poulitry or other animals.

After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried.

All Ireated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

BEST DOCUMENT AVAILABLE

	EPA REGISTRATION NO.	
U.S. ENVIRONMENTAL PROTECTION AGENCY	EFA AFOISTRATION NO.	DATE OF ISSUANCE
OFFICE OF PESTICIDES PROGRAMS REGITERATION DIVISION (BH 562) MASHINGTON CLCL 47	TERM OF ISSUANCE	29 AUG 1984
NOTICE OF PESTICIDE: [ CONSISTENTION	NAME OF PESTICIDE PRODUC	Υ
(Under the Federal Insection)   Tunder the		
and Rodenticide Act, as ar ende le		
NAME AND ADDRESS OF REGISTRANT Include ZIP codes		<del></del>
۳	٦	
•		
1	1	
L	_	
NOTE: Changes in labeling formula differing in substance t submitted to and accepted by the Registration Division prio product always refer to the above U.S. EPA registration num	r to use of the label in commerci	with this registration must be E. In any correspondence on this
On the basis of information furnished by the registrant, the the Federal Insecticide, Fungicide, and Rodenticide Act.	above named pesticide is hereb	y Registered/Reregistered under
A copy of the labeling accepted in connection with this Re	gistration/Reregistration is retu	rned herewith.
Registration is in no way to be construed as an indorsemen health and the environment, the Administrator, on his motio icide in accordance with the Act. The acceptance of any na Act is not to be construed as giving the registrant a right to by others.	n, may at any time suspend or come in connection with the regist	incel the registration of a pest- tration of a product under this
		WIT AVAILARIE
	DEST DOCUM	IENT AVAILABLE
	RESI DOGG	
ATTACHMENTS AREL ABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

EPA Form \$570-6 (Rev. 5 76)

SUPP . SEPHAUSTED

st '

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

-- .:-

- 1. The statement "FOR SALE FOR USE AND STORAGE BY MAINTENANCE PROBLEMS OUT ONLY" must be at least the same type size as the "FIRE OUT OF STACE OF CHILDRESS" statement (front panel).
- 3. Recording to our records, company number 2086 is parlamed to Hydrite Chemical Corporation, 1237 W. Fruce Street. If Hydrite Chemical Co., 2655 N. Hayfair bood, is your new corpony name and address, subjit an address correction to our office for company number 2685.
- d. Subpit five (5) copies of your final printed labeling before you release the product for shipment. Pefer to the  $\Lambda = 79$  Enclosure for a further description of final printed tabeling.

If these conditions are not conflied with, the registration will be subject to cancellation in accordance with PIPPA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stapped copy of the label is enclosed for your records.

John H. Lee

Product Hanager (31)

Disinfectants Branch Registration Division (TS-767C)

Enclosures

PD/DIC:Dec:DC:0-44702 PMMG-0406E:RIM:Paven:470-2013:8/28/84:Del:9/7/14

BEST DOCUMENT AVAILABLE

orana 🗩

11**43**1 ---

FPA -

OFFICIAL FILE COPY

U.S. ENVIRONMENTAL PROTECTION GENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-547) TERM OF ISSUANCE WASHINGTON, D.C. 20460 NAME OF PESTICIDE PRODUCT NOTICE OF PESTICIDE: REGISTRATION REREGISTRATION (Under the Federal Insecticide, Fungicide, hultimant bo. att and Rodenticide Act, as amenued) NAME AND ADDRESS OF REGISTRANT (Include ZIP code) Fy wite Cherical Company 1 - 4 0. Mag. 10.1 Bre 10.00 NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number. On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act. A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith. Registration is in no way to be construed as an indorsement or approval of this product 'vy this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered the first of the second of the second of the second i. The the lasting changes lister whom haven no release the product for shomment: a. Ald the thrase "DPA Registition No. 2017-1." b. Por the label size submitted, the SIORAGE 990 MISPORAL reading and

PATTACHMENT IS APPLICABLE

co read:

PREVIOUS ADITION MAY OF ASED UNTIL SUPPLY IS ENAUSTED

BEST DOCUMENT AVAILABLE

the Child Hazard Warning "KPUP OUT OF MBACK OF COILSESS" of FIT require a 12 point type size minimum and the oran 3 tord of GBB firont panel only) would require a control of the control

o. Revise the statement (p. dole left many to

Causes eye damage and skin irritation.

- d. The statement "POR SALE POR USE AND STORAGE BY MAINTENANCE PERSONNEL ONLY" must be at least the same type size as the "KEEP OUT OF REACH OF CHILDREN" statement (front panel).
- 3. According to our records, company number 2686 is assigned to Hydrite Chemical Corporation, 1237 W. Bruce Street. If Hydrite Chemical Co., 2555 N. Hayfair Road, is your new company name and address, submit an address correction to our office for company number 2686.
- 4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with PIPRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

John H. Lee

Product Manager (31) Disinfectants Branch

Registration Division (TS-767C)

Enclosures

RD/DIS:Lee:DCR-44702:WANG-0406K:KIM:Raven:479-2013:8/28/84:Del.9/7/84

BEST DOCUMENT AVAILABLE

	CONCURRENCES	
STROUGH P	7	
EURHAME		
BATE		
EPA Form 1320-1 (4-61)		
		OFFICIAL FILE COPY

#### U.S. PUBLIC HEALTH SERVICE FOOD SERVICE SANITIZATION RECOMMENDATIONS

#### Cleaning and Sanitizing

Equipment and utensits shall be thoroughly preflushed or prescraced, and when necessary, prescaled to remove griss (sod particles and soil.

- Thoroughly wash equipment and utensils in a hot detergent solution.
- Rinse utensils and equipment thoroughly with clean water.

Sanitize equipment and utensits by immersion in a 1 oz /4 gallon solution of maximum in et (150 ppm active) for at least 60 seconds at a temperature of 75°F. This dilution is equivalent to a solution containing 50 ppm available chlorine.

- For equipment and utensits too large to sanitize by immersion, apply a 1 oz /2 gallon solution of mission, m. es (300 ppm active) by rinsing spraying or swabbing unlit thoroughly wetted.
- 5) Allow sanitized surfaces to drain and air dry. Do not rinse

: Multiguet, No. 455 meets the requirements of 21 CFR 178 1010.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 29 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. Sentituting of Pood Propositing Squipment and Other Part Surfaces in Food Contact Locations. For Locations that processing equipment, dony equipment, food utomais, dolum, salvetness, grasses, this lope, countrytage, splingerised storage and doping equipment and Other hard rem-parent surfaces. No Postable seater since in restricts.

Wash and rune all articles thereughly, then apply a solution of Lag. Mail Except. 200, 455 in 4 getains of mater (150ppm adner). Surfaces thauld ramen wat for all back one trunks followed by following draming and air drying. Fresh solution should be propored daily of when use solution becomes wouldy dirty. For mechanical application, use solution may not be reused for sandging materialists.

Apply to suck tapic, countertapic, reingereled storage and deploy equipment and other statement hard nurtices by cloth or brush or mechanical apply dynce. He Potable water rises to required.

Durker, adversary, glasses, cashing stends and other similar rise lead processing dissement can be sentiated by immersion in a 1 02/4 gallen setulated in histories, m.ms., the Potable water state to required. At 1 02/4 galleng, mission, m. mt. fulfills the criterie of Appendix F of the Grade "A" Postminated Mith Ordinances 1978 Recommendations of the U.S.

At 1 at /4 gallers, Talaigum, Im. M fulfile the criterie of Appendix F of the Grade "A" Passimized Mith Diginances 1978 Recommendations of the U.S. Public Health Services in waters up to 600 gain of herdness collaboral of CaCO<sub>3</sub> when evaluated by the AOAC Garmicodal and Dategord Services (Mathod against Escherichia only and Stephylococcus Mirrous.)

The unders, Ranks and leafs of dairy come can be sankered by westing with a telution of 1 of matages, is, as in 4 gettons of warm noter. He Petable rester rises is required. Use a trash fewal for each cow. Avoid contamination of tenritzing solution by dirt and seek. De not dip used level fact into sanitzing solution. When salution begomes visitly dirty, decard and provide freentabilities.

# **Precautionary Statements**

Hazards to Humans and domestic animals

# **DANGER**

Keep out of reach of children. Corrosive. Cause eye end skin irritation. Do not get in eyes, on skin, or on clothing. Weer goggles or face shield and rubber glov "when handling. Hermful if swellowed. Do not breathe sp. ., mist. Avoid contamination of food.

## STORAGE AND DISPOSAL

- -DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL
- -OPEN DUMPING IS PROHIBITED
- -DO NOT REUSE EMPTY CONTAINER

#### PESTICIDE DISPOSAL

PESTICIDE SPRAY MIXTURE OR RINSE WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES UNDER SUBTITLE C OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

#### CONTAINER DISPOSAL

TRIPLE RINSE (OR EQUIVALENT). THEN OFFER FOR RECYCLING OR RECONDITIONING, OR DISPOSE OF IN A SANITARY LANDFILL, OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES.

#### GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEURES.

BEST DOCUMENT AVAILABLE

# MULTI QUA

Disinfectar Fungicide-Viruc with Organic S for Hospital, Industrial, School, Dair

# Active Ingredients

Octyl decyl dimethyl ame Didecyl dimethyl ammon Dioctyl dimethyl ammon Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40% benzyl ammonium chlo

# Inert Ingredients

# KEEP OUT OF REA

# DAN

## Statement of Pra

In case of contact, immediately water for at least 15 minutes. Fo and wash contaminated clothin

If swallowed, drink promptly a la gelatin solution; or if these quantities of water. Avoid alcoh-

NOTE TO PHYSICIAN: Procontraindicate the use of gas circulatory shock, respiratory dbe needed.

SEE LEFT PANEL I PRECAUTIONAR

EPA Registration No.

**EPA Establishment No.** 

**Net Contents** 

Manuf HYDRITE C

For Sale For Us By Maintenance