

BEST DOCUMENT AVAILABLE

CITRU QUAT-3 DISINFECTANT-CLEANER SANITIZER-FUNGICIDE DEODORANT

ACTIVE INGREDIENTS

1,4-Dioxane 1.00
Dihydroxyacetone 1.00
Sodium Hypochlorite 1.00
Tetraethylammonium Chloride 1.00

INERT INGREDIENTS

A. Sulfuric Acid 1.00
B. Sodium Hydroxide 1.00
C. Water 1.00
D. Methanol 1.00
E. Ethanol 1.00
F. Propylene Glycol 1.00
G. Glycerin 1.00
H. Perfume 1.00
I. Fragrance 1.00
J. Preservative 1.00
K. Stabilizer 1.00
L. Surfactant 1.00
M. Solvent 1.00
N. Thickener 1.00
O. Other 1.00

EPA REGISTRATION No. 5736-44 AA • EPA EST. No. 5736 NJ 1

USE DIRECTIONS

FOR CLEANING Dilute with water at a rate of 2 ounces per gallon of water. Apply to surfaces to be cleaned. Allow to stand for 10 minutes. Rinse with water.

GENERAL PURPOSE DISINFECTION Dilute with water at a rate of 2 ounces per gallon of water. Apply to surfaces to be disinfected. Allow to stand for 10 minutes. Rinse with water.

To disinfect locker rooms, shower stalls, walkways around pools and other areas against pathogenic fungi, mix area with a solution containing 2 ounces in 1 gallon of water. This solution is effective against Trichophyton, the causative agent of athlete's foot.

HOSPITAL DISINFECTION To disinfect walls, floors, furniture and other hard surfaces in hospitals and nursing homes, mix per gallon of water.

These surfaces that are heavily soiled with food, fecal material or exudates should be thoroughly scrubbed with a solution containing 2 ounces per gallon of water and then rinsed with a fresh solution containing 2 ounces per gallon of water before disinfection.

SANITIZATION This disinfectant is used for sanitizing equipment in food processing plants. First wash thoroughly with soap and water. Then apply this disinfectant at a rate of 2 ounces per gallon to insure thorough sanitization. Washed surfaces with this solution containing 2 ounces per gallon of water. Rinse thoroughly after sanitization. Treated food contact surfaces must be rinsed with potable water prior to use.

DEODORIZATION To deodorize surfaces during cleaning, mop or brush surfaces with a solution containing 2 ounces of Citru Quat-3 per gallon of water.

CITRU QUAT-3 is an effective antimicrobial cleaner designed for use in household, industrial and institutional cleaning. When used as directed, it will disinfect hard surfaces such as floors, walls, counter tops and furniture. It may be used upon to deodorize both primary and secondary food storage areas, refrigerators and other areas where food is stored. It may be used as a general purpose disinfectant for all hard surfaces. It is not intended for use on fabrics, carpets, drapery, upholstery, or other soft surfaces. It is not intended for use on plants, animals, or people.

KEEP OUT OF REACH OF CHILDREN

DANGER:

CORROSIVE Causes severe skin burns and eye damage. Do not get in eyes, on skin, or on clothing. Wash thoroughly with water. If on skin, flush with water. If on clothing, remove clothing and wash thoroughly.

FIRST AID If in eyes, flush with plenty of water for at least 15 minutes. If on skin, wash with plenty of water. If on clothing, remove clothing and wash thoroughly.

If swallowed, promptly induce vomiting. Do not give anything by mouth to someone who is unconscious. Get medical attention immediately. Have this product label available for the physician.

NOTE TO PHYSICIAN For additional information, contact the manufacturer. This product is not intended for use as a general purpose disinfectant. It is not intended for use on fabrics, carpets, drapery, upholstery, or other soft surfaces. It is not intended for use on plants, animals, or people.



— SOLELY FOR INDUSTRIAL USE • ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS —



DUBOIS CHEMICALS, A DIVISION OF CHEMED CORPORATION • CINCINNATI, OHIO 45202

CONTACT YOUR DUBOIS REPRESENTATIVE FOR ADDITIONAL USE DIRECTIONS AND MATERIAL SAFETY DATA SHEET.

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9/1/83

RESEARCH LABORATORY/TECHNICAL DATA

DuBOIS QUAT-3
Quaternary Germicidal Cleaner
Disinfectant - Cleaner - Sanitizer - Fungicide - Deodorant

GENERAL DESCRIPTION:

DuBois QUAT-3 is a nonionic synthetic detergent containing a quaternary germicide and compounded without phosphates. This balanced formula combines the effective cleaning power of a synthetic detergent with the sanitizing action of a quaternary. It was designed for one step sanitizing, deodorizing, and cleaning of floor, walls, ceilings, equipment - any washable surface. QUAT-3 is colorless and has a mild lemon scent in the using dilution. It is a versatile concentrate and can be used to handle such diverse jobs as stripping floor finishes and general cleaning depending upon the dilution chosen.

PROPERTIES:

pH (1% solution)	11.1
Foam	Moderate
Wetting and Emulsification	Rapid
Rinsing	Excellent
1 liquid ounce/gallon water	390 ppm Quaternary
EPA Registration Number	5736-44-AA
Biodegradable	Yes, all surfactants.

METAL SAFETY:

Safe on stainless steel, iron, glass, copper, plastic, enamel paints, epoxy paints, vinyl and rubber floor tiles. Avoid prolonged soaking of aluminum, brass and galvanize to avoid tarnishing or change in appearance.

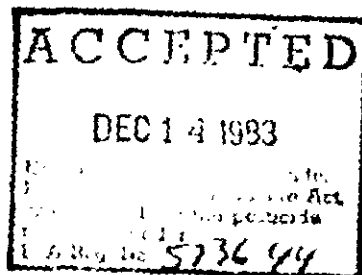
RECOMMENDED USING PROCEDURES:

FOR CLEANING
Lightly soiled areas - surfaces to be cleaned should be mopped or brushed with a solution containing 1 ounce of QUAT-3 per gallon of water. Rinse cleaned area with fresh water.

Heavily soiled areas - mop or brush soiled surface with a solution containing 2-3 ounces of QUAT-3 per gallon of water. Rinse cleaned surface with fresh water.

GENERAL PURPOSE DISINFECTION

To disinfect walls, floors and other hard surfaces in homes, schools, restaurants, rest rooms and other public areas, mop or brush surface to be treated with a solution containing 1 ounce of QUAT-3 per gallon of water. Surfaces that are heavily soiled should be cleaned with 1-2 ounces of QUAT-3 per gallon water and then disinfected. Allow a contact time of 10 minutes. Those surfaces which may later come in contact with food must be rinsed with clear water of drinking quality.



See continuation on the reverse side

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GENERAL OFFICES DuBOIS TOWER • CINCINNATI OHIO 45202 • PHONE (513) 763-1000

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(Continue)
RECOMMENDED
USING PROCEDURES:

To disinfect locker rooms, shower stalls, walkways around pools and other areas against pathogenic fungi, mop area with a solution containing 3/4 ounces in 1 gallon water. This solution will destroy Trichophyton interdigitale, a causative agent of athlete's foot.

HOSPITAL DISINFECTION

To disinfect walls, floors, furniture and other hard surfaces in hospitals and nursing homes, mop or brush surface to be treated with a solution containing 2 ounces of ~~NEC-5B~~ per gallon of water. Those surfaces that are heavily soiled with blood, fecal material or exudates should be thoroughly scrubbed with a solution containing 2 ounces per gallon of water and then rinsed with a fresh solution containing 2 ounces per gallon of water before disinfection. Allow a contact time of 10 minutes.

SANITIZATION

To sanitize walls, floors and equipment in food processing plants, first clean thoroughly with a solution containing 3/4 ounce of ~~NEC-5B~~ per gallon of water. If surface is heavily soiled, use ~~NEC-5B~~ at a rate of 2-3 ounces per gallon to insure thorough cleaning. Sanitize cleaned surface with a rinse solution containing 1/2 ounce of ~~NEC-5B~~ per gallon of water. No rinse required after sanitization. Treated food contact surfaces must be rinsed with potable water prior to reuse.

DEODORIZATION

To deodorize surfaces during cleaning, mop or brush surfaces with a solution containing 2 ounces of ~~NEC-5B~~ per gallon of water.

~~NEC-5B~~ is an effective antibacterial cleaner designed for use in homes, schools, institutional and institutional cleaning. When used as directed, ~~NEC-5B~~ will disinfect hard surfaces, floors, walls, counter tops and furniture. It may be relied upon to deodorize bathroom areas, garbage pails, food storage areas, kennel areas and other areas where obnoxious odors may develop. This product may be used as a general purpose antibacterial-antifungal detergent in homes, schools, restaurants, hospitals, nursing homes, public rooms, food processing plants and in other places where efficient cleaning and antimicrobial action is desired.

ACCEPTED
DEC 14 1983
EPA Reg. No. 5736-44



PACKAGING:

4-1 gallon bottles per case.
Do not mix with soap or anionic detergents.
Rinse container and discard it.

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Technical Data Sheet
HFC-5B
Page 3

CAUTIONS:

DANGER. KEEP OUT OF REACH OF CHILDREN.
Corrosive, causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Protect eyes and skin when handling. Harmful or fatal if swallowed. Avoid contamination of food.

FIRST AID

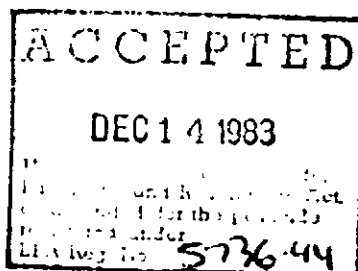
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

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

NOTE TO PHYSICIAN

Probably mucosal damage may contraindicate the use of gastric lavage. Measure against circulatory shock, respiratory depression and convulsion may be needed.

WJC,HEC/sa
12/18/80



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Technical Data Sheet
HFC-58
Page 3

CAUTIONS:

DANGER. KEEP OUT OF REACH OF CHILDREN.
Corrosive, causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Protect eyes and skin when handling. Harmful or fatal if swallowed. Avoid contamination of food.

FIRST AID

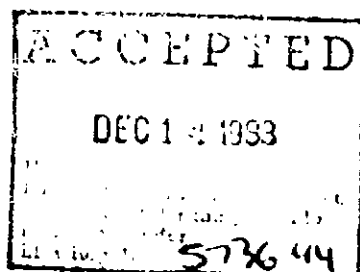
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

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

NOTE TO PHYSICIAN

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