

IODET

- For use in National Sanitation Foundation approved machines
- Recommended for third sink sanitizing
- Recommended for food equipment sanitizing
- Cleans and sanitizes without heat or hot water
- Sparkling, scale-free glassware
- For use in all water conditions



GENERAL OFFICES • DuBOIS TOWER  
CINCINNATI, OHIO 45202

Division of Chemed Corporation

UNDER FEDERAL REGISTRATION  
FUNGICIDE AND RODENTICIDE  
FOR ECONOMIC POISON  
ED UNDER NO.

ONE GALLON U.S. MEASURE (3.785 LITERS)



# IODET

**BACTERICIDAL  
LIQUID DETERGENT**

**ACTIVE INGREDIENTS**

$\alpha$  (p-nonylphenyl)-omega-hydroxypoly  
(oxyethylene)-iodine complex (supplying  
1.265% Titratable iodine by weight) 6.33  
 $\alpha$  (p-nonylphenyl)-omega-hydroxypoly (oxyethylene) condensate 7.24  
Phosphoric acid 15.00

**INERT INGREDIENTS:** 71.43  
100%

**DANGER:** IODET is a strong oxidizing agent.  
SEE PRECAUTIONARY STATEMENT ON BACK OF CONTAINER



**USING DIRECTIONS**

DuBois IODET is an iodophoric acidic sanitizer-detergent for use with brush type, cold water glass washers or for final sanitizing rinsing of utensils or food contact surfaces.

For brush cleaning glassware and final sanitizing rinsing of food utensils, use  $\frac{1}{4}$  ounce per gallon of cold water (25 ppm titratable iodine). Let glasses and utensils drain and air dry. Acceptable under Part 121.2547, Food Additive Law, for final sanitizing rinses of food equipment.

For 12.5 ppm titratable iodine, where required by health authorities, use  $\frac{1}{4}$  ounce per two gallons of water with minimum exposure time of two minutes.

**FOR SANITIZING UTENSILS AND GLASSES  
IN HAND WASHING OPERATIONS:**

1. Scrape and prewash utensils and glasses whenever possible.
2. Wash with a DuBois detergent.
3. Rinse with clean water.
4. Sanitize in a solution of  $\frac{1}{4}$  oz. to one gallon of cold water (25 ppm titratable iodine). Immerse all utensils for at least 2 minutes or for contact time specified by governing sanitary code.

(Continued on opposite side.)



# IODET<sup>®</sup>

**BACTERICIDAL  
LIQUID DETERGENT**

**ACTIVE INGREDIENTS:**

$\alpha$ (p-nonylphenyl)-omega-hydroxypoly (oxyethylene)-iodine complex (supplying 1.265% Titratable iodine by weight)	6.33
$\alpha$ (p-nonylphenyl)-omega- hydroxypoly (oxyethylene) condensate	7.24
Phosphoric acid	15.00

<b>INERT INGREDIENTS:</b>	71.43
	100%

**DANGER:** KEEP OUT OF REACH OF CHILDREN  
SEE PRECAUTIONARY STATEMENT ON BACK OF CONTAINER

**USING DIRECTIONS**

FOR SANITIZING UTENSILS AND GLASSES  
IN HAND WASHING OPERATIONS

# TECHNICAL DATA FOR **IODET**® — FOR SANITIZING

## GENERAL DESCRIPTION

Iodophoric, acidic IODET cleans and sanitizes in one operation without heat or hot water. Quick, positive wetting and cleaning action prevents film . . . brightens glassware. A dependable sanitizer-detergent for use in hard or soft water, IODET has a potent, sanitizing effect without the need of heat, because of its high content of bacteriologically active iodine. In cold water, IODET washes glasses dry bright and clean and gives a superior sheet rinse. IODET complies with Par. 121.2547, Food Additive Law, for final sanitizing-rinsing of food contact surfaces at 25 ppm titratable iodine. Do not mix soap or alkaline materials with IODET.

## PROPERTIES

State . . . . . Mobile liquid  
Color . . . . . Brown  
Solubility . . . . . Instant, with water, at all proportions  
Odor . . . . . Slight iodous, evanescent  
Foam . . . . . Suited to recommended usage  
pH . . . . . 2.7 at ¼ oz. per gallon of water  
Stability . . . . . Excellent under 125°F.  
Biodegradable . . . . . Contains biodegradable surfactants

## INGREDIENTS

α(p-nonylphenyl)-omega-hydroxypoly (oxyethylene)-  
iodine complex (supplying 1.265% titratable iodine by weight) . . . . . 6.33%  
α(p-nonylphenyl)-omega-hydroxypoly (oxyethylene) condensate . . . . . 7.24%  
Phosphoric acid . . . . . 15.00%  
Inert ingredients . . . . . 71.43%

## RECOMMENDED USING PROCEDURES

*Brush-type cold water glass washer:* Adjust machine in accordance with machine manufacturer's directions, if necessary. A solution of ¼ oz. per gallon of water provides 25 ppm titratable iodine.

*Third Sink sanitizing:* For those operations in which no mechanical washing is possible, or for pots and pans. The type of cleaner used in the wash tank makes no difference, but ware should be completely clean and thoroughly rinsed before being immersed in the sanitizing rinse. This is critical, since soil or detergent reduces the effectiveness of iodophors. The correct amount of IODET to use is ¼ oz. per gallon of water (25 ppm titratable iodine).

Not recommended for use on silverware.

*Food Equipment sanitizing:* Use ¼ oz. of IODET per gallon of water (25 ppm titratable iodine) as a final sanitizing rinse of food contact surfaces after thorough cleaning and rinsing. Acceptable as a Code G sanitizer for use under USDA Poultry, Meat and Egg Products Inspection Program.

## GERMICIDAL TESTS

**METHOD:** Available Chlorine Germicidal Equivalent Concentration Method, A.O.A.C., 11th Edition, 1970; page 63.

**RESULTS:** DuBois IODET at 25 ppm of titratable iodine (¼ oz. per gallon of water) is equivalent to 200 ppm of available chlorine derived from sodium hypochlorite.

$\alpha$ -(p-nonylphenyl)-omega-hydroxypoly (oxyethylene) condensate .....	7.24%
Phosphoric acid .....	15.00%
Inert ingredients .....	71.43%

# **RECOMMENDED USING PROCEDURES**

*Brush-type cold water glass washer:* Adjust machine in accordance with machine manufacturer's directions, if necessary. A solution of 1/4 oz. per gallon of water provides 25 ppm titratable iodine.

*Third Sink sanitizing:* For those operations in which no mechanical washing is possible, or for pots and pans. The type of cleaner used in the wash tank makes no difference, but ware should be completely clean and thoroughly rinsed before being immersed in the sanitizing rinse. This is critical, since soil or detergent reduces the effectiveness of iodophors. The correct amount of IODET to use is 1/4 oz. per gallon of water (25 ppm titratable iodine).

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**RESULTS:** DuBois IODET at 25 ppm of titratable iodine (1/4 oz. per gallon of water) is equivalent to 200 ppm of available chlorine derived from sodium hypochlorite.

# **PACKAGING**

Packed 4 - 1 gallon (3.785 liters) plastic containers per case.

# **TITRATION**

Use IODET Sanitation Test Kit

# **DANGER: KEEP OUT OF REACH OF CHILDREN**

*Corrosive.* Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing when handling. 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 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.

EPA Registration Number 5736-3-AA

# **DuBOIS CHEMICALS, DIVISION OF CHEMED CORPORATION**

DuBois Technical Representatives are located throughout the United States, Canada, the United Kingdom, Australia, Africa, Germany, Holland, Italy, Japan, Mexico and Venezuela

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

TECHNICAL DATA  
FOR **IODET**<sup>®</sup> — FOR HOSPITAL USE

GENERAL  
DESCRIPTION  
PROPERTIES

IODET is an iodophoric, acidic, mobile liquid designed to clean and disinfect in one operation without the need of heat. IODET can be used in water of any hardness level.

State ..... Mobile liquid  
Color ..... Brown  
Solubility ..... Instant, with water, at all proportions  
Odor ..... Slight iodous, evanescent  
Foam ..... Suited to recommended usage  
pH ..... 2.7 at ¼ oz. per gallon of water  
Stability ..... Excellent under 125°F.  
Biodegradable ..... Contains biodegradable surfactants

INGREDIENTS

(p-nonylphenyl)-omega-hydroxypoly (oxyethylene)-  
iodine complex (supplying 1.265% titratable iodine by weight) ..... 6.33%  
(p-nonylphenyl)-omega-hydroxypoly (oxyethylene) condensate ..... 7.24%  
Phosphoric acid ..... 15.00%  
Inert ingredients ..... 71.43%

RECOMMENDED  
USING  
PROCEDURES

*General cleaning and disinfecting:* For all general cleaning and disinfecting, use a solution of IODET at ¾ oz. per gallon of water (75 ppm titratable iodine). If surfaces are heavily soiled, use two containers. Rinse soil from washing cloth in rinse compartment before redipping in wash solution to avoid weakening solution.

*For laboratory glassware, thermometers, and surgical instruments:* Immerse items in a ¾ oz. per gallon of water solution of IODET (75 ppm titratable iodine) immediately after use for presoaking before hand washing or machine washing to soften blood and soils.

*Heat sensitive items:* Items that cannot be autoclaved will be disinfected by soaking for 15 minutes in a ¾ oz. per gallon of water solution of IODET (75 ppm titratable iodine).

*Physical therapy equipment:* Whirlpool baths, etc., will be cleaned, disinfected, and mineral scale controlled simultaneously by regular cleaning with a ¾ oz. per gallon of water solution of IODET. (75 ppm titratable iodine).

*Mopping:* A ¾ oz. per gallon of water solution of IODET (75 ppm titratable iodine) may be used in conventional mopping procedure. Follow the double bucket method recommended by DuBois for mopping.

*Sprayer, wet-vacuuming:* Follow DuBois procedure for sprayer, wet-vacuuming with a ¾ oz. per gallon of water solution of IODET (75 ppm titratable iodine) on tile & resilient flooring in laboratories, kitchen, halls and patient rooms.

*Third sink sanitizing:* Ware should be completely cleaned and rinsed before being immersed in the sanitizing rinse. The correct amount of IODET to use is ¼ oz. per gallon of water (25 ppm titratable iodine).

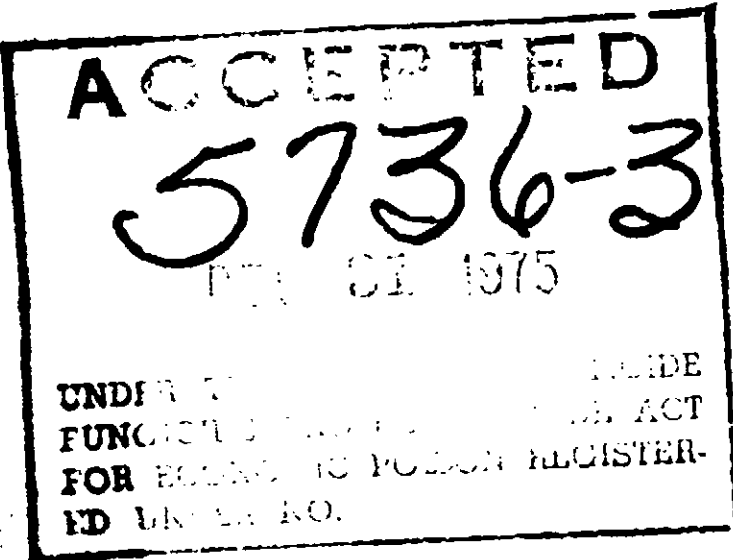
*Brush-type cold water glass washer:* Adjust machine in accordance with machine manufacturer's directions, if necessary. A solution of ¼ oz. of IODET per gallon of water provides 25 ppm titratable iodine.

Packed 4 - 1 gal. (3.785 liters) plastic containers per case.

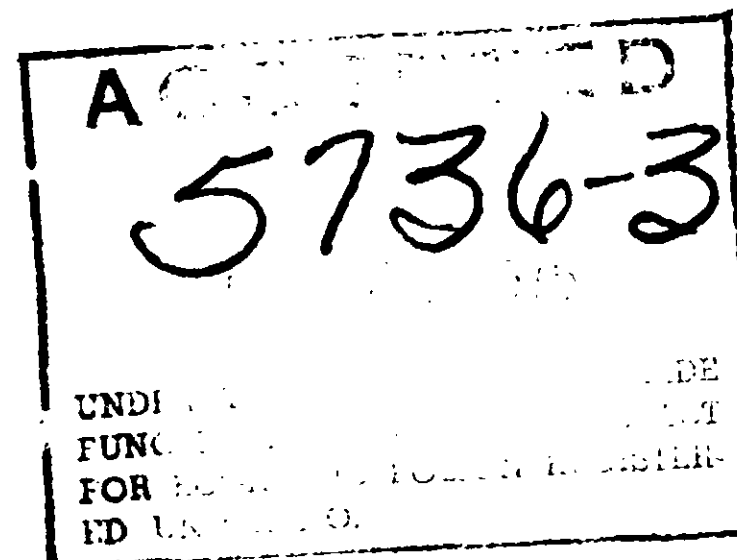
Use IODET Sanitation Test Kit

**METHOD:** AOAC Use-Dilution Confirmation Method, 11th Edition, 1970, page 63.

PACKAGING  
TITRATION  
GERMICIDAL  
TESTS



IODET



## PROCEDURES

tainers. Rinse soil from washing cloth in rinse compartment before redipping in wash solution to avoid weakening solution.

*For laboratory glassware, thermometers, and surgical instruments:* Immerse items in a  $\frac{3}{4}$  oz. per gallon of water solution of IODET (75 ppm titratable iodine) immediately after use for presoaking before hand washing or machine washing to soften blood and soils.

*Heat sensitive items:* Items that cannot be autoclaved will be disinfected by soaking for 15 minutes in a  $\frac{3}{4}$  oz. per gallon of water solution of IODET (75 ppm titratable iodine).

*Physical therapy equipment:* Whirlpool baths, etc., will be cleaned, disinfected, and mineral scale controlled simultaneously by regular cleaning with a  $\frac{3}{4}$  oz. per gallon of water solution of IODET. (75 ppm titratable iodine).

*Mopping:* A  $\frac{3}{4}$  oz. per gallon of water solution of IODET (75 ppm titratable iodine) may be used in conventional mopping procedure. Follow the double bucket method recommended by DuBois for mopping.

*Sprayer, wet-vacuuming:* Follow DuBois procedure for sprayer, wet-vacuuming with a  $\frac{3}{4}$  oz. per gallon of water solution of IODET (75 ppm titratable iodine) on tile & resilient flooring in laboratories, kitchen, halls and patient rooms.

*Third sink sanitizing:* Ware should be completely cleaned and rinsed before being immersed in the sanitizing rinse. The correct amount of IODET to use is  $\frac{1}{4}$  oz. per gallon of water (25 ppm titratable iodine).

*Brush-type cold water glass washer:* Adjust machine in accordance with machine manufacturer's directions, if necessary. A solution of  $\frac{1}{4}$  oz. of IODET per gallon of water provides 25 ppm titratable iodine.

Packed 4 - 1 gal. (3.785 liters) plastic containers per case.

Use IODET Sanitation Test Kit

**METHOD:** AOAC Use-Dilution Confirmation Method, 11th Edition, 1970, page 63.

**RESULTS:** *Staphylococcus aureus* (ATCC No. 6538) 75 ppm titratable iodine  
*Salmonella choleraesuis* (ATCC No. 10708) 75 ppm titratable iodine  
*Pseudomonas aeruginosa* (ATCC No. 15442) (PRD-10) 75 ppm titratable iodine  
75 ppm titratable iodine is equivalent to  $\frac{3}{4}$  ounces of IODET per gallon of water.

Use  $\frac{3}{4}$  ounces of IODET per gallon of cold water (75 ppm titratable iodine) for disinfecting rubber, plastic, stainless and glass equipment against *Staphylococcus aureus*, *Salmonella choleraesuis*, and *Pseudomonas aeruginosa*. Allow a minimum of 10 minutes contact time and follow by water rinse.

### **DANGER: KEEP OUT OF REACH OF CHILDREN**

*Corrosive.* Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing when handling. Protect skin and eyes 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 whites, 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. Measures against circulatory shock, respiratory depression and convulsion may be needed.

## PACKAGING TITRATION GERMICIDAL TESTS

## FOR HOSPITAL

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IODET

**EPA Registration Number 5736-3-AA**

- **For Hospital Use — General Cleaning, Disinfecting, Laboratory Glassware, Heat Sensitive Items, Physical Therapy Equipment, Mopping, Sprayer, and Wet Vacuuming**
- **For use in National Sanitation Foundation approved machines**
- **Recommended for third sink sanitizing**
- **Cleans and sanitizes without heat or hot water**
- **Sparkling, scale-free glassware**
- **For use in all water conditions**



**GENERAL OFFICES • DuBOIS TOWER**  
**CINCINNATI, OHIO 45202**

Division of Chemed Corporation



ONE GALLON U.S. MEASURE (3.785 LITERS)



# IODET

**BACTERICIDAL  
LIQUID DETERGENT**

**ACTIVE INGREDIENTS:**

α (p-nonylphenyl)-omega-hydroxypoly  
(oxyethylene)-iodine complex (supplying  
1.265% Titratable iodine by weight) 6.33  
α (p-nonylphenyl)-omega-  
hydroxypoly (oxyethylene) condensate 7.24  
Phosphoric acid 15.00

**INERT INGREDIENTS:** 71.43  
100%

**DANGER:** KEEP OUT OF REACH OF CHILDREN  
SEE PRECAUTIONARY STATEMENT ON BACK OF CONTAINER



## USING DIRECTIONS

DuBois IODET is an iodophoric acidic sanitizer-detergent for use with brush type, cold water glass washers or for final sanitizing rinsing of utensils or food contact surfaces.

For brush cleaning glassware and final sanitizing rinsing of food utensils, use 1/4 ounce per gallon of cold water (25 ppm titratable iodine). Let glasses and utensils drain and air dry. Acceptable under Part 121.2547, Food Additive Law, for final sanitizing rinses of food equipment.

For 12.5 ppm titratable iodine, where required by health authorities, use 1/4 ounce per two gallons of water with minimum exposure time of two minutes.

### FOR SANITIZING UTENSILS AND GLASSES IN HAND WASHING OPERATIONS:

1. Scrape and prewash utensils and glasses whenever possible.
2. Wash with a DuBois detergent.
3. Rinse with clean water.
4. Sanitize in a solution of 1/4 oz. to one gallon of cold water (25 ppm titratable iodine). Immerse all utensils for at least 2 minutes or for contact time specified by governing sanitary code.

(Continued on opposite side.)

**EPA Registration Number 5736-3-AA**



# IODET<sup>®</sup>

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LIQUID DETERGENT**

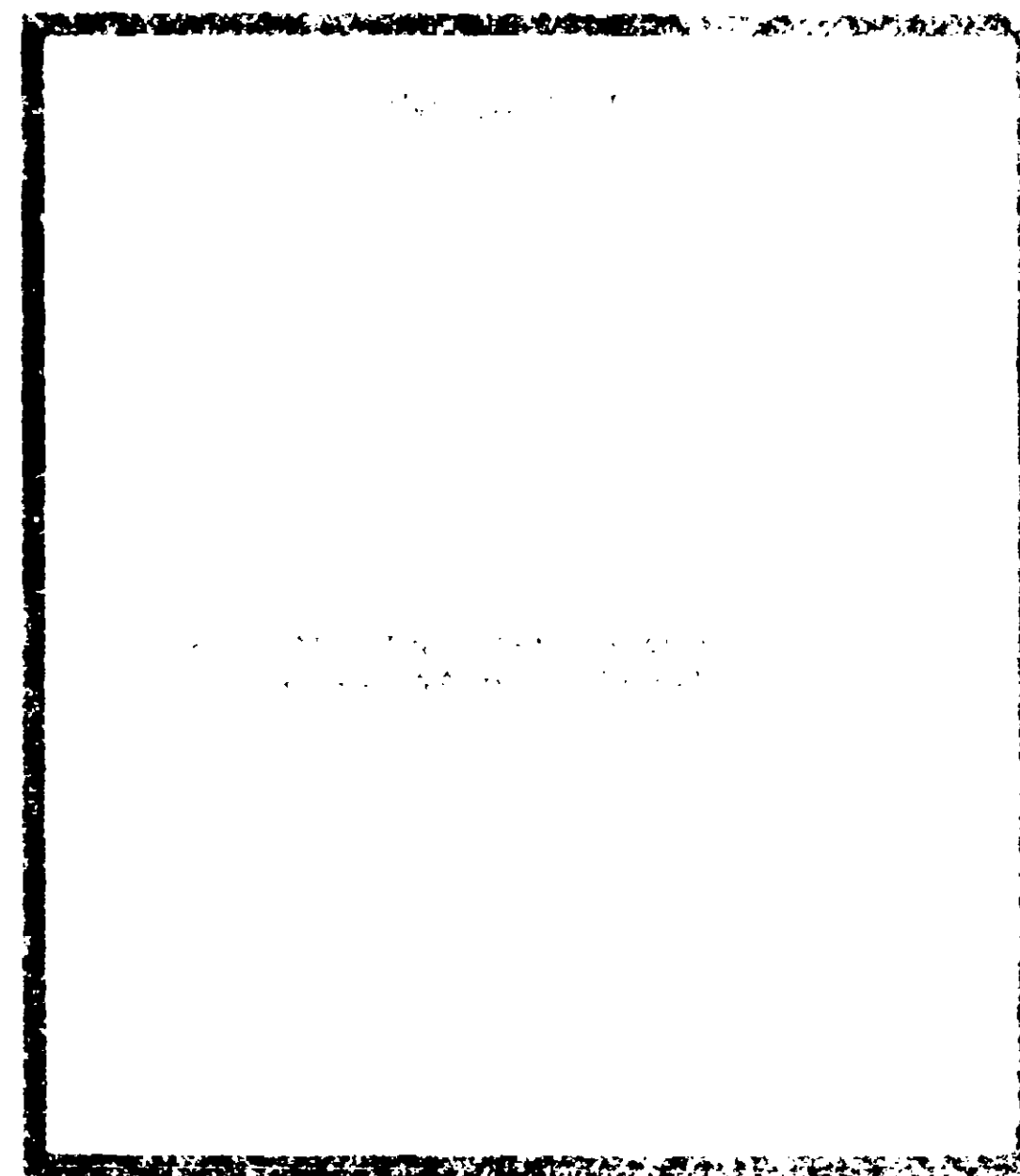
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1.265% Titratable iodine by weight) . . . . . 6.33

$\alpha$  (p-nonylphenyl)-omega-  
hydroxypoly (oxyethylene) condensate . . . . . 7.24  
Phosphoric acid . . . . . 15.00

**INERT INGREDIENTS:** . . . . . 71.43  
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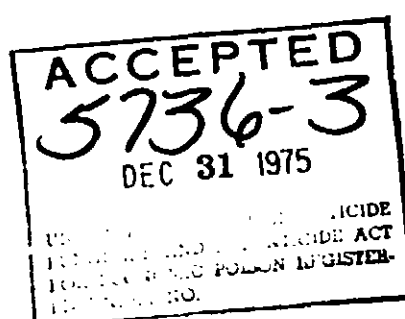
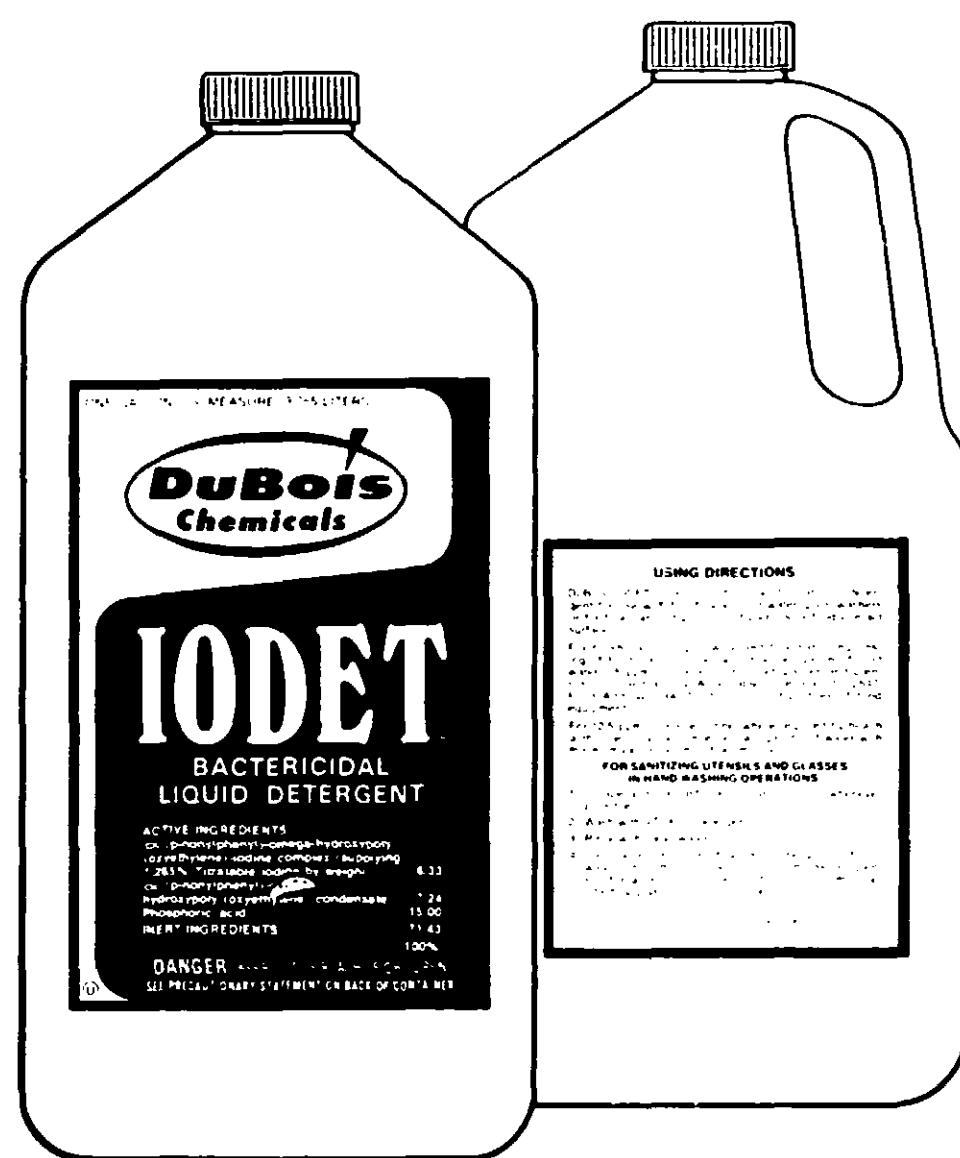
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PA Medical Arms Company, Inc.

For Hospital Use — General Cleaning Disinfecting Laboratory

PM 32 5736-3

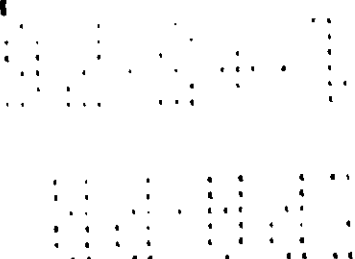


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CINCINNATI, OHIO 45202

Division of Chemed Corporation



10/4

# TECHNICAL DATA

FOR

# IODET®

— FOR SANITIZING

## GENERAL DESCRIPTION

Iodophoric, acidic IODET cleans and sanitizes in one operation without heat or hot water. Quick, positive wetting and cleaning action prevents film... brightens glassware. A dependable sanitizer-detergent for use in hard or soft water, IODET has a potent, sanitizing effect without the need of heat, because of its high content of bacteriologically active iodine. In cold water, IODET washes glasses dry bright and clean and gives a superior sheet rinse. IODET complies with Par. 121.2547, Food Additive Law, for final sanitizing-rinsing of food contact surfaces at 25 ppm titratable iodine. Do not mix soap or alkaline materials with IODET.

## PROPERTIES

State	Mobile liquid
Color	Brown
Solubility	Instant, with water, at all proportions
Odor	Slight iodous, evanescent
Foam	Suited to recommended usage
pH	2.7 at ¼ oz. per gallon of water
Stability	Excellent under 125°F.
Biodegradable	Contains biodegradable surfactants

## INGREDIENTS

α(p-nonylphenyl)-omega-hydroxypoly (oxyethylene)- iodine complex (supplying 1.265% titratable iodine by weight)	6.33%
α(p-nonylphenyl)-omega-hydroxypoly (oxyethylene) condensate	7.24%
Phosphoric acid	15.00%
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**Brush-type cold water glass washer:** Adjust machine in accordance with machine manufacturer's directions, if necessary. A solution of ¼ oz. per gallon of water provides 25 ppm titratable iodine.

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## PACKAGING

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## TITRATION

Use IODET Sanitation Test Kit

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**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 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.

EPA Registration Number 5736-3-AA

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IODET

FILED 1975  
Kendall Group Inc.  
1003 381-7800

2064

# TECHNICAL DATA

FOR

# IODET<sub>R</sub>

— FOR HOSPITAL USE

## GENERAL DESCRIPTION PROPERTIES

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Phosphoric acid	15.00%
Inert ingredients	71.43%

## RECOMMENDED USING PROCEDURES

**General cleaning and disinfecting.** For all general cleaning and disinfecting, use a solution of IODET at 1/4 oz. per gallon of water (75 ppm titratable iodine). If surfaces are heavily soiled, use two containers. Rinse soil from washing cloth in rinse compartment before redipping in wash solution to avoid weakening solution.

**For laboratory glassware, thermometers, and surgical instruments:** Immerse items in a 1/4 oz. per gallon of water solution of IODET (75 ppm titratable iodine) immediately after use for presoaking before hand washing or machine washing to soften blood and soils.

**Heat sensitive items:** Items that cannot be autoclaved will be disinfected by soaking for 15 minutes in a 1/4 oz. per gallon of water solution of IODET (75 ppm titratable iodine).

**Physical therapy equipment.** Whirlpool baths, etc., will be cleaned, disinfected, and mineral scale controlled simultaneously by regular cleaning with a 1/4 oz. per gallon of water solution of IODET (75 ppm titratable iodine).

**Mopping:** A 1/4 oz. per gallon of water solution of IODET (75 ppm titratable iodine) may be used in conventional mopping procedure. Follow the double bucket method recommended by DuBois for mopping.

**Sprayer, wet-vacuuming:** Follow DuBois procedure for sprayer, wet-vacuuming with a 1/4 oz. per gallon of water solution of IODET (75 ppm titratable iodine) on tile & resilient flooring in laboratories, kitchen, halls and patient rooms.

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Packed 4 - 1 gal. (3.785 liters) plastic containers per case.

Use IODET Sanitation Test Kit

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**RESULTS:** *Staphylococcus aureus* (ATCC No. 6538) 75 ppm titratable iodine  
*Salmonella choleraesuis* (ATCC No. 10708) 75 ppm titratable iodine  
*Pseudomonas aeruginosa* (ATCC No. 15442) (PRD-10) 75 ppm titratable iodine  
 75 ppm titratable iodine is equivalent to 1/4 ounces of IODET per gallon of water.

Use 1/4 ounces of IODET per gallon of cold water (75 ppm titratable iodine) for disinfecting rubber, plastic, stainless and glass equipment against *Staphylococcus aureus*, *Salmonella choleraesuis*, and *Pseudomonas aeruginosa*. Allow a minimum of 10 minutes contact time and follow by water rinse.

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**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 whites, 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. Measures against circulatory shock, respiratory depression and convulsion may be needed.

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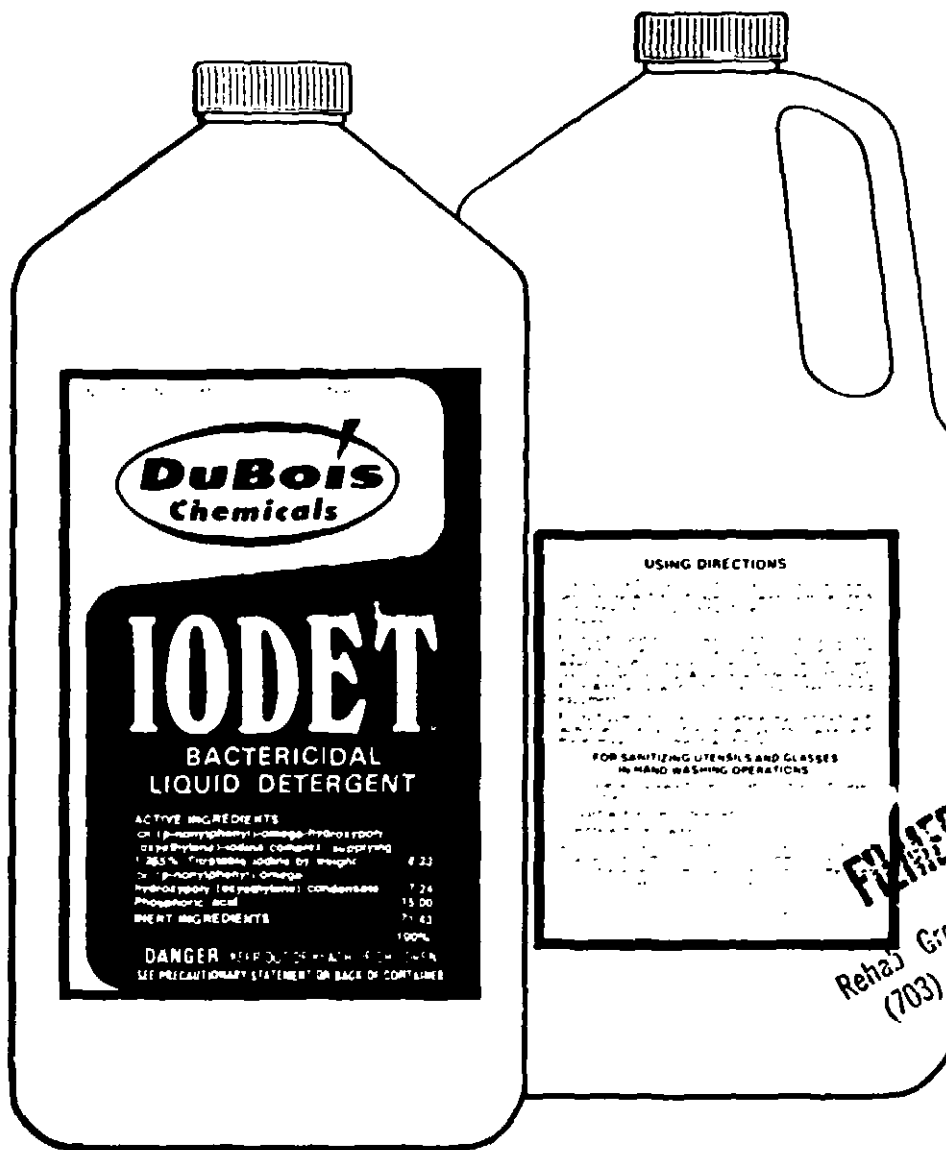
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ACCEPTED  
5736-3  
DEC 31 1975  
FUNDING  
FOR  
ID-100-100

## PACKAGING TITRATION GERMICIDAL TESTS

## FOR HOSPITAL

IODET



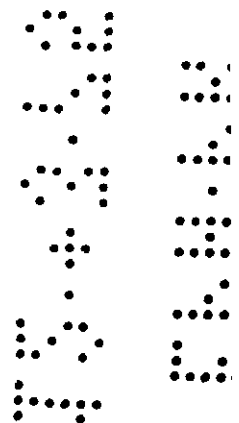
**EPA Registration Number 5736-3-AA**

- **For Hospital Use — General Cleaning, Disinfecting, Laboratory Glassware, Heat Sensitive Items, Physical Therapy Equipment, Mopping, Sprayer, and Wet Vacuuming**
- **For use in National Sanitation Foundation approved machines**
- **Recommended for third sink sanitizing**
- **Cleans and sanitizes without heat or hot water**
- **Sparkling, scale-free glassware**
- **For use in all water conditions**



**GENERAL OFFICES • DuBOIS TOWER  
CINCINNATI, OHIO 45202**

Division of Chemed Corporation



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