

PM-32

Reg # 875-136

195

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
246774

Application for Pesticide - Section I

1. Company/Product Number 875-136	2. EPA Product Manager R. Douglas	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) FSD-34	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Diversey Corp. 12025 Tech Center Drive Livonia, MI 48150-2193 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION MAR 24 1996
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below. PR Notice 95-2	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

- Adding Application Information: "For Industry Use".
 - Correcting Precaution Heading: "Hazards" to "Hazard".
 - Deleting DOT Flammable Symbol. Changing shipping designation to "Corrosive Liquid, Active, N.O.S., (Phosphoric Acid), UN3264 due to change in DOT regulation.
- (CONTINUED ON PAGE 2)

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1, 6, 55, 275 gal. & bulk		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Donald F. Garvin		Title Regulatory Affairs		Telephone No. (Include Area Code) 313-458-2858	
<p align="center">Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>					6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Affairs			
4. Typed Name Donald F. Garvin		5. Date February 28, 1996			

295

FSD-34™

Acid Cleaner Sanitizer



Active Ingredients:	
Phosphoric acid	56.25%
Dodecylbenzene sulfonic acid	3.49%
INERT INGREDIENTS:	40.25%
	100.00%

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

Statement of Practical Treatment:
If Swallowed: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. **GET MEDICAL ATTENTION.**
If In Eyes: Flush with plenty of water for 15 minutes. **GET MEDICAL ATTENTION.**
If On Skin: Wash with plenty of soap and water. **GET MEDICAL ATTENTION** if irritation persists.

Precautionary Statements
Hazards to Humans and Domestic Animals.
KEEP OUT OF THE REACH OF CHILDREN.
DANGER:

Corrosive: Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS: This substance is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, reservoirs, bays or other waters unless in accordance with the requirements of a National Pollutant 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.

PHYSICAL HAZARDS - Acidic product: Do not use, pour, spill or spray near heat or open flame. Do not mix with other cleaners or chemicals or hazardous gases or that may be generated. Dilute only with water.

Diversey Corp. • Livonia MI 48150-2193 • 313 458 5000
 24 HOUR EMERGENCY TELEPHONE • Medical (Call Collect)
 303 592 1024 • Transportation (CHEMTREC) 800 424 9300
 24-HOUR MESSAGE CENTER: 800 436 2647 (In Continental U.S.A.)



Net Contents 6 Gal (22.7 L)

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
FOR CLEANING AND BRIGHTENING: Preflush equipment with water. Use 1 ounce of FSD-34 per 3 gallons of water for immersion and brush cleaning of lightly soiled food contact equipment and utensils and follow by a potable water rinse to remove food soils.
To clean and brighten central recirculation systems: preflushed with water. Circulate 1 ounce of FSD-34 per three gallons of water through systems for 10 minutes at length. Drain and rinse with potable water to remove food soils.

Two ounces of FSD-34 per 3 gallons of water is effective for high pressure spray cleaning using a coarse droplet. Follow with potable water to remove food soils and chemical spray.

FOR FINAL SANITIZING RINSING:

1. Preflush with potable water to remove gross food particles.
2. Clean with recommended alkaline Diversey cleaner.
3. Rinse with potable water.
4. To sanitize, rinse with a solution of 1 ounce FSD-34 per 6 gallons water. This can be done by flushing, immersion, circulation or coarse droplet spray operations. Surfaces should remain wet for at least five minutes.
5. Drain and air dry. Allow adequate draining before contact with food.

For manual operations, fresh sanitizing solution must be prepared at least daily. Prepare more often if the solution becomes diluted or soiled.

Solution used in spray operations may not be re-used for sanitizing. Only one sanitization per solution is allowed. The solution may be used for cleaning or other purposes if it is not soiled.

USE ON THESE FOOD CONTACT SURFACES:

1. **Dairy Farms** - For cleaning bulk tanks, vents, cans, separators, strainers, pumps, and milking machines.
 2. **Dairy and Food Processing Plants** - For cleaning transport tank trucks, storage tanks, and other equipment.
 3. **Carbonated Beverage Industry** - For cleaning pre-rins vanding units.
 4. **Food Service Industry** - For cleaning food serving equipment, glasses, dishes, utensils, pans, and pans.
 5. **Meat and Poultry Plants** - For cleaning all meat and poultry contact surfaces such as bells, cutting tables and other utensils and equipment.
- 1 ounce/3 gallons solution of FSD-34 contains 98 ppm of dodecylbenzene sulfonic acid and a total acidity of 1450 ppm expressed as H₃PO₄. This product averages 17.5% phosphorus in the form of phosphates, which is equal to 5.0 grams per ounce of product.

MICROBIOLOGICAL DATA:

METHOD: Germicidal and Detergent Sanitizing Action of Disinfectants, A.O.A.C. 14th Ed., 1964.

RESULTS: FSD-34 Acid Sanitizer at 1.758 (1 ounce/6 gallons water) reduces bacterial numbers by 99.99% when tested by this method with a 30 second contact time in 513 ppm hard water. The organisms used in these tests were *Escherichia coli* ATCC No. 11229, *Staphylococcus aureus* ATCC No. 8538 and *Listeria monocytogenes* ATCC No. 15313.



02239099

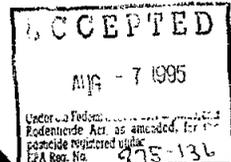


FLAMMABLE LIQUID

3

STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
Pesticide Waste Disposal: Pesticide wastes are acutely hazardous. Improper disposal of acute pesticide spray mixture, or residue is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.
Container Disposal: Plastic container (Triple rinse for equivalent). Then area for recycling or incinerating. If incinerated, stay out of smoke.



CORROSIVE

FLAMMABLE LIQUIDS, CORROSIVE, N.O.S., (ISOPROPYL ALCOHOL, PHOSPHORIC ACID), UN2924

EPA Registration No. 875-136
 EPA Establishment No.: 875-WI-1(1);
 875-TX-3(3); 875-CA-2(4); 875-OH-1(5); 875-PA-1(6)
 Bracketed number is the first digit of the batch number.

19409009g

395

Precautionary Statements
Hazard to Humans and Domestic Animals

DANGER:

Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS — This pesticide 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 Pollutant 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.

PHYSICAL HAZARDS — Acidic product. Do not use, pour, spill or store near heat or open flame. Do not mix with other cleaners or chemicals as hazardous gasses or heat may be generated. Dilute only with water.

STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Waste Disposal: Pesticide wastes are acutely hazardous. 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 Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Plastic container — Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

FOR CLEANING AND BRIGHTENING: Preflush equipment with water. Use 1 ounce of FSD-34 per 3 gallons of water for immersion and brush cleaning of lightly soiled food contact equipment and utensils and follow by a potable water rinse to remove food soils.

To clean and brighten central recirculation systems preflush with water. Circulate 1 ounce of FSD-34 per 3 gallons of water through system for 10 minutes or longer. Drain and rinse with potable water to remove food soils. Two ounces of FSD-34 per 3 gallons of water is effective for high pressure spray cleaning using a coarse droplet. Follow with potable water to remove food soils and chemical spray.



02239099

FSD-34™

Acid Cleaner Sanitizer

For Industry Use



ACTIVE INGREDIENTS:	
Phosphoric acid	56.25%
Dodecylbenzene sulfonic acid	3.40%
INERT INGREDIENTS	40.35%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN.
DANGER:

STATEMENT OF PRACTICAL TREATMENT:
If Swallowed: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. GET MEDICAL ATTENTION.
If In Eyes: Flush with plenty of water for 15 minutes. GET MEDICAL ATTENTION.
If On Skin: Wash with plenty of soap and water. GET MEDICAL ATTENTION if irritation persists.

See Side Panel For Additional Precautionary Statements

Diversey Corp. • Livonia MI 48150-2193 • 313 458 5000
24 HOUR EMERGENCY TELEPHONE • Medical: (Call Collect) 303 592 1024 • Transportation: (CHEMTREC) 800 424 9300
24-HOUR MESSAGE CENTER: 800 438 2647 (In Continental U.S.A.)

Net Contents 6 Gal (22.7 L)

PMS 184 • 8.5" x 17"

495

FSD-34™

Acid Cleaner Sanitizer

For Industry Use



ACTIVE INGREDIENTS:

Phosphoric acid	58.25%
Dodecylbenzene sulfonic acid	3.40%
INERT INGREDIENTS	40.35%
Total	100.00%

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

STATEMENT OF PRACTICAL TREATMENT:

If Swallowed: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. GET MEDICAL ATTENTION.

If In Eyes: Flush with plenty of water for 15 minutes. GET MEDICAL ATTENTION.

If On Skin: Wash with plenty of soap and water. GET MEDICAL ATTENTION if irritation persists.

See Side Panel For Additional Precautionary Statements

Diversey Corp. • Livonia MI 48150-2193 • 313 458 5000
24 HOUR EMERGENCY TELEPHONE • Medical: (Call Collect)
303 592 1024 • Transportation: (CHEMTREC) 800 424 9300
24-HOUR MESSAGE CENTER: 800 438 2647 (In Continental U.S.A.)

Net Contents 6 Gal (22.7 L)



FOR FINAL SANITIZING:

1. Preflush with potable water to remove soil particles.
2. Clean with recommended detergent.
3. Rinse with potable water.
4. To sanitize, rinse with FSD-34 per 6 gal. Flush thoroughly. Surfaces should be wet.
5. Drain and air dry. Do not have direct contact with food.

For manual operation, solution should be prepared at least daily. Solution becomes diluted or soiled. Solution used in spray application should be sanitized. Only 1 gallon of solution may be used. The solution may be reused if it is not soiled.

USE ON THESE FOOD CONTACT SURFACES:

1. Dairy Farms -- For cleaning milk cans, pails, and milking machines.
2. Dairy and Food Processing Plants -- For cleaning tank trucks, storage tanks, and other equipment.

EPA Registration No. 875-WI-1[1]; 875-OR-1[8].
EPA Establishment No. 875-PA-1[8].
Bracketed number is batch number.

A1962402jh



FOR FINAL SANITIZING RINSING:

1. Preflush with potable water to remove gross food particles.
2. Clean with recommended alkaline Diversey cleaner.
3. Rinse with potable water.
4. To sanitize, rinse with a solution of 1 ounce FSD-34 per 6 gallons water. This can be done by flushing, immersion, circulation or spray operations. Surfaces should remain wet for at least 5 minutes.
5. Drain and air dry. Allow adequate draining before contact with food.

For manual operations, fresh sanitizing solution must be prepared at least daily, prepare more often if the solution becomes diluted or soiled.

Solution used in spray operations may not be re-used for sanitizing. Only 1 sanitization per solution is allowed. The solution may be used for cleaning or other purposes if it is not soiled.

USE ON THESE FOOD CONTACT SURFACES:

1. **Dairy Farms** – For cleaning bulk tanks, utensils, cans, separators, strainers, pails, and milking machines.
2. **Dairy and Food Processing Plants** – For cleaning transport tank trucks, storage tanks, and other equipment

3. **Carbonated Beverage Industry** – For cleaning pre-mix vending units.
4. **Food Service Industry** – For cleaning food serving equipment: glasses, dishes, utensils, pots, and pans.
5. **Meat and Poultry Plants** – For cleaning all meat and poultry contact surfaces such as belts, cutting tables and other utensils and equipment.

1 ounce/3 gallons solution of FSD-34 contains 88 ppm of dodecylbenzene sulfonic acid and a total acidity of 1450 ppm expressed as H₃PO₄.

This product averages 17.8% phosphorus in the form of phosphates, which is equal to 5.0 grams per ounce of product.

MICROBIOLOGICAL DATA:

METHOD: Germicidal and Detergent Sanitizing Action of Disinfectants, A.O.A.C., (15th Ed., 1990).

RESULTS: FSD-34 Acid Sanitizer at 1:768

(1 ounce/6 gallons water) reduces bacterial numbers by 99.999% when tested by this method with a 30 second contact time in 500 ppm hard water. The organisms used in these tests were *Escherichia coli* ATCC No. 11229, *Staphylococcus aureus* ATCC No. 6538 and *Listeria monocytogenes* ATCC No. 15313.



EPA Registration No.: 875-136

EPA Establishment No.:

875-WI-1[1]; 875-OH-1[5];

875-PA-1[8].

Bracketed number is the first digit of the batch number.

A(962402)h

**CORROSIVE
LIQUID, ACIDIC,
INORGANIC, N.O.S.,
(PHOSPHORIC ACID),
UN3264**



FSD-34™

Acid Cleaner Sanitizer

Ⓢ P

Active Ingredients:

Phosphoric acid	56.25%
Dodecylbenzene sulfonic acid	3.40%
INERT INGREDIENTS:	40.35%
	100.00%

KEEP OUT OF THE REACH OF CHILDREN

DANGER:

Statement of Practical Treatment:

If Swallowed: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. GET MEDICAL ATTENTION.

If In Eyes: Flush with plenty of water for 15 minutes. GET MEDICAL ATTENTION

If On Skin: Wash with plenty of soap and water. GET MEDICAL ATTENTION if irritation persists.

Precautionary Statements

Hazards to Humans and Domestic Animals.

KEEP OUT OF THE REACH OF CHILDREN.

DANGER:

Corrosive Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS - This pesticide 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 Pollutant 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.

PHYSICAL HAZARDS - Acidic product. Do not use, pour, spill or store near heat or open flame. Do not mix with other cleaners or chemicals or hazardous gasses or heat may be generated. Dilute only with water.

Diversey Corp. • Livonia MI 48150-2193 • 313 458 5000
24 HOUR EMERGENCY TELEPHONE • Medical: (Call Collect)
303 592 1024 • Transportation: (CHEMTREC) 800 424 9300
24-HOUR MESSAGE CENTER: 800 438 2647 (In Continental U.S.A.)

Net Contents 6 Gal (22.7 L)



DIRECTIONS FOR USE:

It is a violation of federal law to use this product in a manner inconsistent with its labeling.
FOR CLEANING AND BRIGHTENING: Preflush equipment with water. Use 1 ounce of FSD-34 per 3 gallons of water for immersion and brush cleaning of light, soiled food contact equipment and utensils and follow by a potable water rinse to remove food soils. To clean and brighten central recirculation systems preflushed with water. Circulate 1 ounce of FSD-34 per three gallons of water through system for 10 minutes or longer. Drain and rinse with potable water to remove food soils. Two ounces of FSD-34 per 3 gallons of water is effective for high pressure spray cleaning using a coarse droplet. Follow with potable water to remove food soils and chemical spray.

FOR FINAL SANITIZING RINSING:

1. Preflush with potable water to remove gross food particles.
2. Clean with recommended alkaline Diversey cleaner.
3. Rinse with potable water.
4. To sanitize, rinse with a solution of 1 ounce FSD-34 per 6 gallons water. This can be done by flushing, immersion, circulation or coarse droplet spray operations. Surfaces should remain wet for at least five minutes.
5. Drain and air dry. Allow adequate draining before contact with food.

For manual operations, fresh sanitizing solution must be prepared at least daily, prepare more often if the solution becomes diluted or soiled.

Solution used in spray operations may not be re-used for sanitizing. Only one sanitization per solution is allowed. The solution may be used for cleaning or other purposes if it is not soiled.

USE ON THESE FOOD CONTACT SURFACES:

1. **Dairy Farms** - For cleaning bulk tanks, utensils, cans, separators, strainers, pails, and milking machines.
2. **Dairy and Food Processing Plants** - For cleaning transport tank trucks, storage tanks, and other equipment.
3. **Carbonated Beverage Industry** - For cleaning pre-mix vending units.
4. **Food Service Industry** - For cleaning food serving equipment: glasses, dishes, utensils, pots, and pans.
5. **Meat and Poultry Plants** - For cleaning all meat and poultry contact surfaces such as belts, cutting tables and other utensils and equipment.

1 ounce/3 gallons solution of FSD-34 contains 88 ppm of dodecylbenzene-sulfonic acid and a total acidity of 1450 ppm expressed as H_2PO_4 . This product averages 17.8% phosphorus in the form of phosphates which is equal to 5.0 grams per ounce of product.

MICROBIOLOGICAL DATA:

METHOD: Germicidal and Detergent Sanitizing Action of Disinfectants. A.O.A.C., 14th Ed., 1984.

RESULTS: FSD-34 Acid Sanitizer at 1:768 (1 ounce/6 gallons water) reduces bacterial numbers by 99.999% when tested by this method with a 30 second contact time in 513 ppm hard water. The organisms used in these tests were *Escherichia coli* ATCC No. 11229, *Staphylococcus aureus* ATCC No. 6538 and *Listeria monocytogenes* ATCC No. 15313.



02239099



FLAMMABLE LIQUID

3

**FLAMMABLE
LIQUIDS, CORROSIVE,
N.O.S., (ISOPROPYL
ALCOHOL, PHOSPHORIC
ACID),
UN2924**

EPA Registration No. 875-136
EPA Establishment No. 875-WI-1[1];
875-TX-3[3], 875-CA-3[4], 875-OH-1[5], 875-PA-
Bracketed number is the first digit of the batch number.

STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Waste Disposal: Pesticide wastes are acutely hazardous. 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 Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Plastic container - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

