



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

November 17, 2006

Rhonda Vance-Moeser
The Dow Chemical Company
1803 Building
Midland, MI 48674

Subject: Notification Application Per PR Notice 98010
DOWCIDE™ A ANTIMICROBIAL
EPA Registration No. 464-126
Application Date: October 30, 2006
Receipt Date: November 1, 2006

Dear Ms. Vance-Moeser:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

Proposed Notification:

- Add the qualifier "Produced For" to the registrant name and address on the product label
- Revise trademark language on the product label

General Comment:

Based on a review of the material submitted, the following comment applies:

The notification application is acceptable.

A copy of the accepted notification has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me via email at heyward.adam@epa.gov or by telephone at (703) 308-6422, or Stacey Grigsby via email at grigsby.stacey@epa.gov or by telephone at (703) 308-7496.

Sincerely,

A handwritten signature in black ink that reads "Adam Heyward".

Adam Heyward
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510C)

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Print Form

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 2-28-



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 464 - 126	2. EPA Product Manager Adam Heyward	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dow Chemical / DOWICIDE(TM) 1E Antimicrobial	PM# 34	
5. Name and Address of Applicant (Include ZIP Code) The Dow Chemical Company 1803 Building Midland, MI 48674 <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 _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

Notification to 1) add "Produced For" above company name and address and 2) Update trademark statement on label. Mandatory notification statement is contained in cover letter accompanying this notification submission.

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"/> Text <input 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 checked="" type="checkbox"/> Glass
					<input checked="" type="checkbox"/> Paper
					Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 25kg/55.12lb/8 oz		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 <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other bag is label			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Rhonda Vance-Moeser	Title Senior Regulatory Specialist	Telephone No. (include Area Code) 989-636-1884
Certification 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.		6. Date Application Received (Stamped)
2. Signature <i>Rhonda Vance-Moeser</i>	3. Title Senior Regulatory Specialist	
4. Typed Name Rhonda Vance-Moeser	5. Date Oct. 30, 2006	

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The Dow Chemical Company
Midland, Michigan 48674
USA

Larkin Laboratory
October 30, 2006

Overnight Mail

Office of Pesticide Programs (7504P)
Document Processing Desk (NOTIF)
U. S. Environmental Protection Agency
One Potomac Yard, Room S-4900
2777 S. Crystal Drive
Arlington, Virginia 22202-4501

**RE: NOTIFICATION – EPA REG. NO. 464 – 126
DOWICIDE™ 1E ANTIMICROBIAL**

The Dow Chemical Company (Dow) hereby submits a Notification application to:
1) add the qualifier "Produced For" to the registrant name and address on the product label
2) revise the trademark language on the product label
In order for the application to be processed the required Notification statement is included.

"This Notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject enforcement action and penalties under section 12 and 14 of FIFRA"

Enclosed are the following documents to support this notification

- 1) Completed application for Pesticide Registration, Form 8570-1
- 2) Required notification statement above
- 3) Two copies of product label with one indicating changes highlighted in yellow.

Please contact me if you have any questions or need additional information.

Sincerely,

Rhonda Vance-Moeser
Senior Regulatory Specialist
Phone: (989) 636-1884
e-mail: rgvmoeser@dow.com

Enclosures

TM Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

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DOWICIDE™ 1E ANTIMICROBIAL

For the control of fungi and bacteria, including pseudomonads, in industrial applications.

Active Ingredient(s):
Ortho-phenylphenol99.5%
Inert Ingredient(s):0.5%
Total:100.0%

E.P.A. Registration No. 464-126
E.P.A. Est. No. 39967-DEU-001

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

Danger
Corrosive • Causes Irreversible Eye Damage •
Causes Skin Burns • Harmful If Swallowed • Do
Not Get in Eyes on Skin, or on Clothing • Wear
Goggles or Face Shield When Handling • Wear
Protective Clothing and Rubber Gloves • Wash
Thoroughly With Soap and Water After
Handling • Remove Contaminated Clothing and
Wash Before Reuse

ENVIRONMENT
This pesticide is
containing this p
oceans or other
requirements of
System (NPDES)
notified in writin
containing this p
notifying the loca
contact your Re

STORAGE AND DIS
Do not contaminate



Storage - Keep tight
Disposal - Pesticide
excess pesticide, spr
these wastes cannot
instructions, contact y
Agency, or the Hazar
Regional Office for g
Container Disposal
Then dispose of empl
allowed by state and l
smoke. Do not reuse

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24544-L2
Produced for:

Dow
THE DOW CHE
Midland, Michigan 41
(989)636-4400
®™ Trademark of The Dow
or an affiliated compan

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to do so. Do not induce vomiting unless told to do so by the poison control center or doctor.
HOT LINE NUMBER	
IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect 989-636-4400. Have the product container or label with you when calling a poison control center or doctor or going for treatment	
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

NET WT. :

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COLORS: PMS 485 Red, PMS Black
CHEC INITIALS: CH

See

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IDE™ 1E MICROBIAL

domonads, in industrial applications.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Danger

irritative • Causes Irreversible Eye Damage • Causes Skin Burns • Harmful If Swallowed • Do Not Get in Eyes on Skin, or on Clothing • Wear Goggles or Face Shield When Handling • Wear Protective Clothing and Rubber Gloves • Wash Thoroughly With Soap and Water After Use • Remove Contaminated Clothing and Before Reuse

Rinse thoroughly with water for 15-20 minutes. Flush for the first 5 minutes, then continue rinsing eye. Get prompt medical treatment advice.
Rinse thoroughly for 15-20 minutes. Get prompt medical treatment advice.
Get medical attention immediately for treatment advice. Do not do so. Do not go by the poison control center or doctor.
Involving this product, call collect. When calling a poison control center or doctor, mention the use of gastric lavage.

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 Regional Office of the EPA.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.



NOTICE

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

Storage - Keep tightly closed when not in use.

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 - Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not reuse empty container.

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4263234-10/30/06

Label A

24544-L2

Produced for:



THE DOW CHEMICAL COMPANY

Midland, Michigan 48674 U.S.A.

(989)636-4400

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

See Directions for Use on Following Pages.

Tear along perforation to remove information label.

PERFORATED TEAR TAB



6 7 9

DOWICIDE™ 1E ANTIMIC

For the control of fungi and bacteria, including pseudomonads, in industrial applications.

DIRECTIONS FOR USE

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

Only for (1) industrial uses as specified on this label; (2) uses for which USEPA has accepted the required data and/or citation of data that the formulator has submitted in support of registration; or (3) uses for experimental purposes that are in compliance with USEPA requirements.

DOWICIDE 1E Antimicrobial, when used according to good manufacturing practices, meets the requirements of the FDA for use in defoaming agents (21 CFR 176.210), adhesives (21 CFR 175.105), and rubber articles (21 CFR 177.2600).

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24544-L2

4263234-10/30/06

Label B

INDUSTRIAL APPLICATIONS

DOWICIDE 1E may be used during the production of products household, institutional and industrial uses.

Application	Purpose	Suggested Concentration of DOWICIDE 1E
Glues and Adhesives NOT REGISTERED FOR THIS USE IN CALIFORNIA	To protect from deterioration during manufacture, storage and service life.	Glues; Bone/plant 0.1 - 0.15 % Leather, skin & fish 0.15 - 0.4% Starch based liquid 0.1 - 0.25 % Starch based solid 0.15 - 1.0 % Albumin containing 0.2 - 0.4 % Adhesives; cellulose/dextrin 0.1 - 0.3 % Polymer dispersion based 0.1 - 0.3 % Casein Containing 0.2 - 0.4 %
Gaskets NOT REGISTERED FOR THIS USE IN CALIFORNIA	To preserve felt gaskets.	1% by wt of organic solvent.
Concrete Admixes	To control the growth of fungi and bacteria in concrete admixtures.	0.01 - 0.6 % by weight of admixture.
Slurries NOT REGISTERED FOR THIS USE IN CALIFORNIA	To control the growth of fungi and bacteria in the following aqueous based slurries and dispersed pigments: clay, calcium carbonate, kaolin and other filler suspensions.	0.05 - 0.9 % by weight of slurry.
Ceramics	To prevent decomposition of ceramic glazes and clay slips.	0.05 - 0.1% by wt of glaze or slip formulation.
Metal Working Fluids	To prevent decomposition of fluids prepared from water emulsifiable oil concentrates.	0.1 - 1.5 % by wt of diluted concentrate.
Leather NOT REGISTERED FOR THIS USE IN CALIFORNIA	To impart temporary mold resistance to shoe liners, hat bands, gloves etc.	1.5 % by wt of leather.
Polishes	For shelf life preservation of automobile polishes and polishing compounds.	0.25% by wt of polish; 0.25 - 0.50 % by wt of polishing compound.
Photographic Solutions	To control microbial growth in photographic solutions and emulsions.	0.05 - 0.5 % by wt of the photographic solution or emulsion.
Wood and wood products NOT REGISTERED FOR THIS USE IN CALIFORNIA	To protect from mold, mildew, and sapstain.	Construction woods: 1-4% by wt of solution. Pallets, fruit and vegetable pallets: 1-3% by wt of solution.
Stains and Paints NOT REGISTERED FOR THIS USE IN CALIFORNIA	To control the growth of fungi and bacteria during manufacture or storage in pigments and fillers used in the following systems: latex-based, casein, oil-containing, alkyd resin-based, or synthetic resin.	0.1-0.5% by weight of materials treated.

COLORS: PMS 485 Red, PMS Black
CHEC INITIALS: CH

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DOWICIDE™ 1E ANTIMICROBIAL

and bacteria, including pseudomonads, in industrial applications.

product in a manner

(1) this label; (2) uses for which no/and/or citation of data that the registration; or (3) uses for in accordance with USEPA requirements.

DOWICIDE 1E Antimicrobial, when used according to good manufacturing practices, meets the requirements of the FDA for use in defoaming agents (21 CFR 176.210), adhesives (21 CFR 175.105), and rubber articles (21 CFR 177.2600).

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Label B

Produced for:



THE DOW CHEMICAL COMPANY

Midland, Michigan 48674 U.S.A.
(888)636-4400

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

Application of products household, institutional and industrial uses.

Purpose	Suggested Concentration of DOWICIDE 1E	How To Apply
To protect from deterioration during manufacture, storage and service life.	Glues; Bone/plant 0.1 - 0.15 % Leather, skin & fish 0.15 - 0.4 % Starch based liquid 0.1 - 0.25 % Starch based solid 0.15 - 1.0 % Albumin containing 0.2 - 0.4 % Adhesives; cellulose/dextrin 0.1 - 0.3 % Polymer dispersion based 0.1 - 0.3 % Casein Containing 0.2 - 0.4 %	Add to organic portion of the ingredients, mix then add to the formulation.
To preserve felt gaskets.	1% by wt of organic solvent.	Saturate felt with solution of DOWICIDE 1E in a volatile solvent such as alcohol or Stoddard solvent.
To control the growth of fungi and bacteria in concrete admixtures.	0.01 - 0.6 % by weight of admixture.	Add at a suitable point during the manufacture of the admixture. Conversion to a water dilutable alkaline concentrate using sodium hydroxide is recommended.
To control the growth of fungi and bacteria in the following aqueous based slurries and dispersed pigments: clay, calcium carbonate, kaolin and other filler suspensions.	0.05 - 0.9 % by weight of slurry.	Add at a suitable point during the manufacture, container loading/filling or shipment of the slurry. If needed, add caustic to make a water dilutable alkaline concentrate.
To prevent decomposition of ceramic glazes and clay slips.	0.05 - 0.1% by wt of glaze or slip formulation.	Add to ingredients of formulation as they are charged into ball mill.
To prevent decomposition of fluids prepared from water emulsifiable oil concentrates.	0.1 - 1.5 % by wt of diluted concentrate.	Add to water -emulsifiable oil concentrate during formulating process.
To impart temporary mold resistance to shoe liners, hat bands, gloves etc.	1.5 % by wt of leather.	Add from petroleum and vegetable oil formulation.
For shelf life preservation of automobile polishes and polishing compounds.	0.25% by wt of polish; 0.25 - 0.50 % by wt of polishing compound.	Add to polish or compound during formulating process.
To control microbial growth in photographic solutions and emulsions.	0.05 - 0.5 % by wt of the photographic solution or emulsion.	Mix with other photographic chemicals during manufacture, processing or use.
To protect from mold, mildew, and sapstain.	Construction woods: 1-4% by wt of solution. Pallets, fruit and vegetable pallets: 1-3% by wt of solution.	Apply as an aqueous dip, or spray. Conversion to a water dilutable alkaline concentrate, using sodium hydroxide or other base, is recommended.
To control the growth of fungi and bacteria during manufacture or storage in pigments and fillers used in the following systems: latex-based, casein, oil-containing, alkyd resin-based, or synthetic resin.	0.1-0.5% by weight of materials treated.	Add directly to pigment or filler or dissolve in suitable solvent. Thoroughly mix. Evaluate for potential discoloration.

MS Black

DOWICIDE™ 1E ANTIMIC

For the control of fungi and bacteria, including pseudomonads, in industrial applications.

INDUSTRIAL APPLICATIONS *continued*

Application	Purpose	Suggested Concentration of DOWICIDE 1E	
Textiles NOT REGISTERED FOR THIS USE IN CALIFORNIA	To preserve processing materials and finished yarns and cloth.	0.5-5.0% by weight of materials treated.	Ad
Textile auxiliaries (sizing agents, finishing agents, spinning preparations, wetting agents) NOT REGISTERED FOR THIS USE IN CALIFORNIA	To preserve processing materials.	0.05-0.25% by wt of materials treated.	Ac
Dyes, Tints, Pigments and Filler Suspensions NOT REGISTERED FOR THIS USE IN CALIFORNIA	To protect from deterioration during manufacture, storage and service life.	0.05-0.2% by wt of materials treated.	Ac if
Biopolymers NOT REGISTERED FOR THIS USE IN CALIFORNIA	To protect from deterioration during manufacture, storage and service life.	0.05-0.2% by wt of materials protected.	A
Fire Extinguishing Medium NOT REGISTERED FOR THIS USE IN CALIFORNIA	To preserve solutions.	0.1-0.3% by wt of solution.	A
Cleaning solutions NOT REGISTERED FOR THIS USE IN CALIFORNIA	To protect from deterioration during manufacture, storage and service life.	0.05-0.4% by wt of solution.	F
Wax emulsions & Polishes NOT REGISTERED FOR THIS USE IN CALIFORNIA	To protect from deterioration during manufacture, storage and service life.	0.05-0.5% by wt of emulsion.	f
Paper slurries and auxiliaries NOT REGISTERED FOR THIS USE IN CALIFORNIA	To protect from deterioration during manufacture, storage and service life.	Auxiliaries: 0.05-0.3% by wt. Paper slurries: 0.07-0.1% by wt.	.
Polymers and plastics NOT REGISTERED FOR THIS USE IN CALIFORNIA	To protect the following systems from deterioration during manufacture, storage and service life: acrylic, PVC, polyvinylacetate (PVA), vinyl/acrylic-based, styrene butadiene, polyester-based, polyurethane-based, other polymer dispersions, rubber.	0.1-0.5% by wt of material to be protected.	
Inks NOT REGISTERED FOR THIS USE IN CALIFORNIA	For shelf-life preservation.	0.018-0.36% by wt of material treated.	
Other construction applications NOT REGISTERED FOR THIS USE IN CALIFORNIA	To protect the following from deterioration during manufacture, storage and service life: concrete and masonry additives,	0.05-0.50% by wt of material treated.	

NOTICE: Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label (except uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration) when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

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4263234-10/00/06

Label B

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GLUE

DOWTM 1 E ANTIMICROBIAL

eria, including pseudomonads, in industrial applications.

Purpose	Suggested Concentration of DOWICIDE 1E	How To Apply
processing materials and finished yarns and cloth.	0.5-5.0% by weight of materials treated.	Add as solution by dissolving in suitable solvent.
processing materials.	0.05-0.25% by wt of materials treated.	Add as solution by dissolving in suitable solvent.
from deterioration during manufacture, storage and	0.05-0.2% by wt of materials treated.	Add at a suitable point during the manufacture, using dispersing agents if needed.
from deterioration during manufacture, storage and	0.05-0.2% by wt of materials protected.	Add at a suitable point during the manufacture.
solutions.	0.1-0.3% by wt of solution.	Add at a suitable point during the manufacture.
from deterioration during manufacture, storage and	0.05-0.4% by wt of solution.	Add at a suitable point during the manufacture.
from deterioration during manufacture, storage and	0.05-0.5% by wt of emulsion.	Add at a suitable point during the manufacture.
from deterioration during manufacture, storage and	Auxiliaries: 0.05-0.3% by wt. Paper slurries: 0.07-0.1% by wt.	Add as a solution by dissolving in a suitable solvent.
the following systems from deterioration during e, storage and service life: acrylic, PVC, etate (PVA), vinyl/acrylic-based, styrene butadiene, ased, polyurethane-based, other polymer dispersions,	0.1-0.5% by wt of material to be protected.	Add at a suitable point during the manufacture.
ie preservation.	0.018-0.36% by wt of material treated.	Add at a suitable point during the manufacture.
the following from deterioration during manufacture, d service life: concrete and masonry additives,	0.05-0.50% by wt of material treated.	Add at a suitable point during the manufacture.

chemical description as contained on this label and is reasonably fit for the purposes stated on this label (including any data and/or citations of data that the formulator has submitted in support of registration) when used as directed. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES AND DO NOT CONSTITUTE A WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. NO OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

4263234-10/00/06

Label B

Produced for:



THE DOW CHEMICAL COMPANY

Midland, Michigan 48674 U.S.A.

(989)636-4400

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or an affiliated company of Dow

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GLUE

ing approval 4263234-10/30/06