

71995-7

06/17/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

AND

OFFICE OF
PREVENTION, PESTICIDES
TOXIC SUBSTANCES

JUN 17 2009

Ms. Dawn M. Fee-White
Monsanto Company, Lawn and Garden Products
1300 I Street, N.W., Suite 450 East
Washington, DC 20005

Dear Ms. Fee-White:

Subject: Glyphosate 41% Super Concentrate Herbicide (Update Master Label)
EPA Registration No. 71995-7
Application Dated March 17, 2009

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable. Amended labeling supersedes all previously approved ones. A stamped copy of labeling is enclosed for your records.

Sincerely,

Walter J. Tompkins for
James A. Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505P)

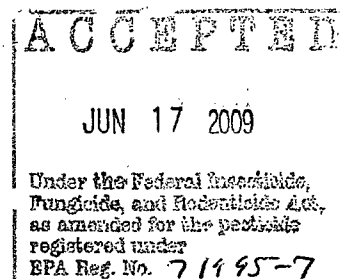
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EPA Reg. No. 71995-7

[Editorial Notes: Bracketed text [] is for internal use or serves as a 'place holder' for graphics. Text in parenthesis () is optional wording.]

[Refer to APPENDIX 1 for consolidated list of label claims.]



Glyphosate 41% Super Concentrate Herbicide

Registered Brand Names:	Glyphosate 41% Super Concentrate Herbicide Roundup Super Concentrate Weed & Grass Killer
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**KEEP OUT OF REACH OF CHILDREN
WARNING**

Active Ingredient:	
Glyphosate, isopropylamine salt	41.0%
Other Ingredients	59.0%

See back panel booklet for additional precautionary statements.
(Read precautions and directions on back label.)

NET [16, 24, 32, 64, 128] FL OZ

PULL HERE TO OPEN LABEL
PEEL HERE (PRESS TO RESEAL)
Open (Resealable Label for Directions & Precautions)

[Insert brand name]

[Insert brand name] (This product) will kill almost all annual and perennial weeds, grasses and other unwanted plants, Mix [Insert brand name] (this product) with water and use to control weeds on driveways and walkways, or around fences, trees, flower beds, shrubs and other areas in your yard. This product can also be used for large jobs such as lawn restoration/renovation and garden plot preparation. [Insert brand name] (This product) kills weeds by stopping the production of a substance found in plants. Any (this product) [Insert brand name] not absorbed by the plant breaks down into natural materials. This product will not move in or on the soil to untreated plants.

[Optional Product Usage]

PRODUCT FACTS:	Makes up to [insert per appendix by size] gallons. Treats up to [insert per appendix by size] sq. ft.
Kills:	(All types of) Weed(s) and grasses
Use (On):	(On) Patios, (paths) walkways, (or) driveways, sidewalks (sidewalk cracks) Around fruits, vegetables, flowers, shrubs or trees Along (Around) fences (Around flower beds, gardens, fruit trees, ornamentals)
In Large Areas	For lawn replacement (renovation) For garden replacement

Questions, Comments Call [insert telephone number] or visit [insert website].

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
READ ENTIRE LABEL. USE ONLY ACCORDING TO LABEL INSTRUCTIONS (DIRECTIONS) (OBSERVING ALL PRECAUTIONS).

WHEN TO USE

Use anytime weeds are actively growing. (Most treated weeds usually show initial symptoms within 1 week (in 2-4 days) and complete kill in 1 to 2 weeks. Larger more established weeds may take up to 4 weeks for complete kill.) For best results, apply on a warm sunny day when daytime temperature is above 60° F and no rainfall is forecast for 24 hours. Warm, sunny weather will speed up weed control. Apply only when air is calm. Reapply if it rains within 6 hours (2 hours) after application. (Rainfall or watering 6 (2) hours after application will not wash away effectiveness.) Hard-to-control weeds

(such as bermudagrass) may require a repeat application if they regrow. NOT recommended for spot weed control in lawns since glyphosate kills lawn grass.

WHERE TO USE

General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, and ornamental plantings and flower beds, around buildings, and in brick and gravel walkways. Use to trim and edge landscape areas. Do NOT use for spot weed control in lawns since glyphosate kills lawn grass.

Spot Spraying: Use on actively growing weeds in and around flower beds, ornamental trees, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways. Spray when air is calm. Make sure this product [insert brand name] does not contact the leaves, green stems, or exposed roots of plants you don't want to kill. If necessary, use cardboard or plastic to shield plants. This product [insert brand name] will not move in or on the soil to untreated plants. If this product [insert brand name] is used to control weeds around fruit or nut trees or grapevines, allow 21 days before eating the fruit or nuts.

Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flower beds or similar plantings. Treated areas can be replanted 1 day after treatment.

Lawn Renovation:

- Use this product [Insert Brand Name] to kill existing weeds and grasses including the old lawn.
- For best results, apply in the Spring or Fall, when daytime temperatures are at least 60°F.
- Under dry conditions, water lawn every other day for a week before using this product.
- Do not mow for 7 days before or after treatment.
- After 7 days, prepare the soil for planting by raking or rototilling the lawn. Rake up and remove loosened thatch or debris.
- Mix in starter fertilizer and other amendments, if needed. Level the soil.
- Apply seed according to directions on seed package, or install sod. Grass seed must have a good contact with soil to germinate and grow.
- Keep area moist for 2 weeks to establish new lawn, then water as needed.

Brush Control: Use when brush is green and growing. If plants are taller than 5 feet, cut back and spray regrowth. Brush sprayed in the fall may not be fully controlled until the following season. Hard-to-control species such as Blackberry, Kudzu, or Poison Oak may require a second application.

Stump Treatment: Stumps can be treated to prevent regrowth. For best results, treat when the vegetation is actively growing and within 5 minutes of being cut down.

- Cut the stump close to the soil surface
- Drive 4-5 nail holes into the stump
- Flood the stump with undiluted product

IMPORTANT: Some trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal a shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.

[Optional text] This treatment will control or suppress many types of woody brush and trees, such as alder, bluegum, eucalyptus, madrone, oak, giant reed, saltcedar, sweetgum, and tan oak.

To Kill Vines:

- If vine is growing up a pole, fences, or mature tree trunk, cut vine to a height of 3 to 4 feet and spray to thoroughly cover remaining vine.
- If vine is climbing a shrub or immature (green) tree trunk, cut vines at base and spray its regrowth. Shield shrubs and tree trunks from spray drift with a sheet (piece) of cardboard or plastic.

HOW TO USE

IMPORTANT: *[Insert brand name]* This product is an all-purpose weed and grass killer which will kill almost all plants contacted. If necessary, use cardboard or plastic to shield desirable plants. If plants are accidentally sprayed, rinse off immediately with water. Spray when air is calm. Spray to evenly wet the weed.

To apply this product use

- Plastic, aluminum or stainless steel tank sprayer
- ORTHO DIAL'n SPRAY® (applicator)
- ORTHO SPRAY-ETTE® (applicator)
- Other hose-end sprayer recommended for weed killers
- Hand-trigger sprayer

Do not use or store solutions of this product in galvanized steel or unlined steel sprayers, or apply through any type of irrigation system or with a sprinkling can.

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Rinse sprayer and flush all sprayer components with water 3 times after use. Spray rinse water on bare soil or gravel. After very thorough cleaning, sprayer may be used to apply other products.

Use the following table to determine the amount of this product [insert brand name] you need. Close cap tightly after use.

<u>APPLICATOR</u>	<u>MIXING INSTRUCTIONS</u> General Weed Control Annuals	<u>MIXING INSTRUCTIONS</u> Tough Weed Control Perennials or Brush Lawn Renovation	<u>AREA TO TREAT</u>
Tank Sprayer	Use 1 ½ oz (3 Tbs) in 1 gal of water	Use 2 ½ oz (5 Tbs) in 1 gal of water	300 sq ft (30 ft x 10 ft)
(ORTHO DIAL 'n SPRAY) (Dial type) Hose-End Sprayer	Add 1 ½ oz (3 Tbs) to sprayer jar. DO NOT ADD WATER. Set dial to 1 ½ oz and spray	Add 2 ½ oz (5 Tbs) to sprayer jar. DO NOT ADD WATER. Set dial to 2 ½ oz and spray	300 sq ft (30 ft x 10 ft)
ORTHO SPRAY-ETTE (applicator)	Add 6 oz to sprayer jar. Fill to the 4 gal mark and spray	Add 10 oz to sprayer jar. Fill to the 4 gal mark and spray	1200 sq ft (30 ft x 40 ft)
Handtrigger Sprayers	Use 2 tsp in 24 oz of water	Use 1 Tbs in 24 oz of water	Use for spot treatments or single weeds.

1 teaspoon = (tsp)

½ fl oz = 1 Tablespoon (TBS) = 3 tsp

1 fl oz = 2 Tbs

For best results use mixture within 2 weeks.

Mix only what you can use in a day.

[Alternate mixing instructions for measuring cap containers]

Measuring Cap: To open, squeeze cap sides at the points indicated while unscrewing. The measuring cap has four levels indicated inside. The following table and the measuring cap should be used to determine the amount of this product [insert brand name] you need. Close cap tightly after use. No need to rinse.

APPLICATOR	MIXING INSTRUCTIONS General Weed Control Annuals	MIXING INSTRUCTIONS Tough Weed Control Perennials or Brush Lawn Renovation	AREA TO TREAT
Tank Sprayer	Fill cap to Level 2 three times (3 Tbs). Add to 1 gallon of water	Fill cap to Level 2 five times (5 Tbs). Add to 1 gallon of water	300 sq ft (30 ft x 10 ft)
ORTHO DIAL'n SPRAY® Hose-End Sprayer	Fill cap to Level 2 three times (3 Tbs) and add to sprayer jar. DO NOT ADD WATER. Set dial to 1 ½ oz and spray	Fill cap to Level 2 five times (5 Tbs) and add to sprayer jar. DO NOT ADD WATER. Set dial to 2 ½ oz and spray.	300 sq ft (30 ft x 10 ft)
ORTHO SPRAY- ETTE®	Fill cap to Level 4 three times (6 oz) and add to sprayer jar. Fill to the 4 gallon mark and spray.	Fill cap to Level 4 five times (10 oz) and add to sprayer jar. Fill to the 4 gallon mark and spray.	1200 sq ft (30 ft x 40 ft)
Hand trigger sprayers	Fill cap to Level 1 two times (2 tsp). Add to 24 oz of water.	Fill cap to Level 2 one time (1 Tbs). Add to 24 oz of water.	Use for spot treatments or single weeds.

- Level 1 = 1 teaspoon (tsp)
- Level 2 = 1 Tablespoon (Tbs) = 3 tsp
- Level 3 = 1 fl oz (2 Tbs)
- Level 4 = 2 fl oz (4 Tbs)

WEEDS CONTROLLED INCLUDE: Bahiagrass, Barnyardgrass, Bermudagrass, CanadaThistle, Chickweed, Common Ragweed, Crabgrasses, Dandelion, Fescues, Field Bindweed, Field Sandbur, Foxtail, Johnsongrass, Kentucky Bluegrass, Kudzu, Lambsquarter, Orchardgrass, Perennial Ryegrass, Poison Ivy, Poison Oak, Quackgrass, Red Clover, Shepardspurse, Smooth Bromegrass, Sowthistle, White Clover, and Yellow Nutsedge

[OR alternate text]

CONTROLS WEEDS AND GRASSES INCLUDING:

General Weed Control (Annuals)

Annual Bluegrass	Creeping Beggarweed	Horseweed/marestail	Sandspur
Annual Ryegrass	Diffuse Lovegrass	Knotweed	Shepherdspurse
Barnyardgrass	Dog Fennel	Lambsquarters	Smooth Cat's Ear
Beggarweed	Evening Primrose	Little Bitter Cress	Smooth Pigweed
Black Medic	Fall Panicum	London Rocket	Sowthistle
Blue Mustard	Fiddleneck	Maiden Cane	Spotted Spurge
Blue Toadflax	Field Pennycress	Mallow	Sprangletop
Brassbuttons	Field Sandbur	Mayweed	Tansy Mustard
Bromegrass	Filaree	Mouseear Chickweed	Tansy Ragwort
Bur Clover	Florida Pusley	Pennsylvania Smartweed	Teaweed
Buttercup	Foxtail	Prickly Lettuce	Texas Panicum
Chickweed	Garden Spurge	Prostrate Spurge	Tumble Mustard
Common Groundsel	Goosegrass	Puncture Vine	Witchgrass
Common Plantain	Henbit	Redroot Pigweed	Wild Mustard
Crabgrass			

Tough Weed Control (perennials, Brush)

Alder	Dallisgrass	Nimblewill	Smooth Bromegrass
Artichoke Thistle	Dewberry	Nutsedge	Smooth Bentgrass
Bahiagrass	Elderberry	Oak species	St. Augustinegrass
Bentgrass	Dandelion False Dandelion	Oldenlandia	Sumac
Bermudagrass	Fescue species	Orchardgrass	Tall Fescue
Blackberries	Field Bindweed (Wild Morningglory)	Oxalis	Timothy
Broadleaf Plantain	Guineagrass	Pampasgrass	Torpedograss
Canada Thistle	Honeysuckle	Pennywort	Trumpetcreeper
Cattail	Horsenettle	Perennial Ryegrass	Vaseygrass
Ceanothus	Horseradish	Poison Hemlock	Virginia Creeper
Cherry species	Iceplant	Poison Oak	White Clover
Cocklebur	Johnsongrass	Poison Ivy	Whiteweed
Cogongrass	Kentucky Bluegrass	Primrose	Wild Barley
Common Mullein	Kikuyugrass	Purple Nutsedge	Wild Oats
Common Ragweed	Knapweed	Quackgrass	Wild Sweet Potato
Coyote Brush	Kudzu	Quaking Aspen	Willow
Creeping Bentgrass	Lantana	Ragweed	Yellow Nutgrass
Creeping Charlie	Milkweed	Raspberry	Yellow Starthistle

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Curly dock	Multiflora Rose	Red Clover	Zoysia
Dandelion	Nightshade silverleaf		

[Optional phone icon] For information regarding specific weeds controlled by this product call [insert number].

RE-SEEDING AND REPLANTING IN SPRAYED AREAS (WHEN TO REPLANT)

- (All) ornamental (gardens) flowers, trees and (&) shrubs may be (reseeded or) planted **1 day after** (treatment) application.
- The following berries may be planted **1 day after** application:
Blackberry, Blueberry, Boysenberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Huckleberry, Loganberry, Olallieberry and (&) Raspberry (Black and (&) Red).
- The following fruits, vegetables &(and) herbs may be planted **1 day after** application:
Artichoke (Jerusalem), Beans (all), Beet Greens, Broccoli, Brussel Sprouts, Cabbage (all), Carrot, Cauliflower, Celery, Chard (Swiss), Chicory, Collards, Endive, Horseradish, Kale, Kohlrabi, Leek, Lentils, Lettuce, Mustard Greens, Okra, Onion, Rape Greens, Parsley, Parsnips, Potato, Turnip & (and) Yams.
- The following fruits, vegetables & (and) herbs may be planted **3 days after** application:
Corn, Cucumber, Eggplant, Garlic, Gourds, Melons (all), Peas (all), Peppers (all), Pumpkin, Squash (summer & (and) winter, Tomatillo, Tomato (by seed) & (and) Watercress.
- Lawn grasses may be planted (reseeded in) **7 days (after** application).
- Tomatoes from transplant & (and) unlisted fruits, vegetables & (and) herbs may be planted **30 days after** application.

This product can be used to refill [Insert brand name for ready-to-use product on 71995-6, 71995-8 or 71995-27].

WHEN TO HARVEST [optional SECTION if fruits and vegetable uses are excluded on product label]

If [insert brand name] this product is used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before eating the fruits or nuts.

[or Alternate text]

If used to control weeds around fruits or nuts, wait the following number of days before harvesting:

- Citrus (Citron, Grapefruit, Kumquat, Lemon, Lime, Mandarin, Orange, Pummelo, Tangelo, Tangerine), Guava, Papaya – **1 day**
- Nuts (Almond, Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Filbert, Hazelnut, Hickory Nut, Macadamia, Pecan, Pistachio, Walnut) – **3 days**.
- Apple, Avocado, Banana (Plantains), Berries, Dates, Figs, Grapes, Loquat, Passion Fruit, Pear, Persimmon, Pomegranate & (and) Quince – **14 days**.
- Apricot, Cherries, Nectarine, Olives, Peach, Plum and (&) Prunes – **17 days**.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in original container in a safe place away from direct sunlight. Keep container closed. Keep from freezing.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container.: **If Empty:** Place in trash or offer for recycling if available. If recycling option is not available, discard in the trash. **If Partly Filled:** Call your local solid waste agency (or) (insert toll free number) for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep Out of Reach of Children

WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear safety glasses. Harmful if inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

[OPTIONAL REENTRY ICON] People and pets may enter treated areas after spray has dried.

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 first 5 minutes, then continue rinsing eyes. • Call a poison control center, or 1-800-768-6387 [Insert optional contact telephone # or 1-800-222-1222] or doctor for treatment advice.

If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center, or 1-800-768-6387 [<i>Insert optional contact telephone # or 1-800-222-1222</i>] or doctor for treatment advice.
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Emergency Medical Information

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- (You may) Contact [*Insert contact telephone # must have 24/7 coverage or use 1-800-768-6387*] for emergency medical treatment information.)
- This product is identified as [*Insert brand name*], EPA Reg. No. 71995-7- [*Insert company no. if distributor product*]

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in clam weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated areas will help avoid runoff to water bodies or drainage systems.

WARRANTY AND DISCLAIMER NOTICE: Buyer assumes all responsibility for safety and use (Buyer assumes all risks of use, storage, or handling of this product) not in accordance with directions. (Product guaranteed to the extent of the purchase price, only when used according to label directions.) (Store and transport in an upright position).

Manufactured (Distributed) for (by):

[*name and address*]

Form No. _____

EPA Reg. No. 71995-7

EPA Est. _____

Made in USA

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APPENDIX 1 - Consolidated List of Label Claims

- A single application kills most weeds
- Built-in Measuring Cap
- Can be used over the root zone of trees, shrubs, or desirable plants
- Can reseed or sod lawns 7 days after treatment
- Child resistant cap
- Completely kills even the toughest weeds and grasses
- Concentrated for extra value
- Controls existing weeds, is not preemergent
- Covers up to 300 sq ft per gallon of spray, 75 sq ft per quart, 55 sq ft per 24 oz
- Dead weeds guaranteed
- Does not have soil activity
- Economical – mix 12 tablespoons (6 oz) per gallon
- Effects within one week (initial symptoms in 2-4 days) with complete kill in 2 to 4 weeks (1 to 2 weeks)
- Eliminates roots and weeds (guaranteed*) [must qualify guarantee]
- For general weed control – Kills Weeds and Grasses in 2 to 4 weeks – Roots & All (Formula) Enters the plant within 6 (or 2) hours (won't wash off)
- Guaranteed results in one application* [must qualify guarantee]
- Ideal for tough weeds in flower beds and vegetable gardens
- Kills the root (so weeds won't grow back)
- Kills over 175 types of weeds (as listed)
- Kills grass and weeds around flower beds, trees, shrubs, and sidewalks
- Kills to the root
- Kills tough and hard-to-kill weeds!
- Kills the toughest weeds & (and) grasses
- Kills (spray) weeds in flower beds and around fences, trees, driveways, walkways, and shrubs, in and around fences, patios, paths, sidewalk cracks, walkways
- Kills tough weeds in 1 to 2 weeks (roots and all)
- Kills unwanted weeds and grasses, (roots and all)
- Kills weeds and grasses (down to the root)
- Kills weeds roots and all
- Kills weeds, grasses and brush
- Mix with water to make up to 5/21 gallons of spray solution (varies with qt/gal container size)
- Multipurpose grass & broadleaf weed control
- New (formula)
- NEW! LARGER SIZE Covers XX sq. ft.
- NEW! MEASURING CAP AND POUR SPOUT INCLUDED
- New, improved formula

- No odor
- No root, no weed, guaranteed
- No root. No weed. No problem.
- Now easier to measure and pour
- Ornamental gardens can be reseeded or planted 1 day after treatment
- Rainproof in 6 (or 2) hours
- Rainfast (rainproof) in hours
- Rainfall or watering within 6 (or 2) hours after application will not wash away effectiveness
- Rainfall within 6 (or 2) hours could affect performance
- Rainfast (rainproof) in hours
- Rainproof in 6 (2) hours
- Satisfaction guaranteed or your money back with proof of purchase
- See results in 24 hours
- Single application controls (kills) most weeds
- Spray woody brush, trees, and vines around houses, buildings, wooded lots, vacant lots, storage and recreational areas and along fences and driveways, or anywhere tough weeds are growing.
- Sprayed areas can be reseeded or replanted 1 day after application in a flower bed
- Starts working in 24 hours
- Use in or around vegetable gardens (flower beds, trees, shrubs)
- Use in/apply with a BIG SHOT™ Multi-purpose sprayer or other tank sprayer, ORTHO® DIAL N' SPRAY®, ORTHO SPRAY-ETTE® or other ORTHO hose-end sprayers
- Use to prepare sites for large plantings, for planting flower beds, for planting fruit trees, ornamentals, vegetables, garden sites, and to renovate lawns
- Use to refill [insert brand name of ready-to-use product]
- Used by American Zoo and Aquarium Association Member Zoos to effectively control weeds
- Uses for Stump Treatment
- Visible results in 7 days
- Water-based formula
- Yellowing and wilting in (about) 24 hours

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Description of Changes for 071995-00007.20090317.pdf

This label amendment incorporates the following:

- Updated disposal language per Container/Containment rule
- Update environmental hazards per PRN 2008-1
- Inserted the Monsanto emergency number or national Poison Help line 1-800-222-1222 as preferred emergency contact number to ensure viable number for medical information.
- Update marketing claims in Appendix A.