

82100-2

12/02/2008

1/4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC - 2 2008

PQ Corporation
c/o Mr. Mathew Brooks
Ag-Chem Consulting
12208 Quinque Lane
Clifton, VA 20124

Subject: Your Application Dated: July 29, 2008
Product Name: Technical Potassium Silicate
Amendment to: Revise the Precautionary Statements of this label due to new toxicity data that were generated on this product.
EPA File Symbol: 82100-2

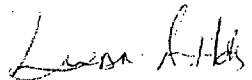
Dear Dr. Brooks:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(5), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. If you have any questions contact Andrew Bryceland at 703-305-6928 or by e-mail at: bryceland.andrew@epa.gov. A stamped copy of the label is enclosed for your records.

Sincerely,



Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

Enclosure

CONCURRENCES

Name	→ Bryceland					
Date	→ 12/2/08					

Technical Potassium Silicate FUNGICIDE/MITICIDE/INSECTICIDE

For use in formulating pesticide on vegetables, fruits, nuts, vine crops, field crops, ornamentals and turf for control of fungal diseases, spider mites, and suppression of whiteflies and other insects

Active Ingredient:	
Potassium Silicate	99.4%
Other Ingredients	<u>0.6%</u>
Total	100%

EPA Reg. No. 82100-2 EPA Est. No. 82100-PA-001

**KEEP OUT OF REACH OF CHILDREN
DANGER**

Manufactured by:

PQ Corporation
P.O. Box 840

Valley Forge, PA 19482

Batch Code: XXXX

Net Contents: XXXX Gallons

PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC
ANIMALS**

DANGER

Causes irreversible eye damage. Harmful if swallowed or absorbed through skin. Do not get on skin, in eyes or on clothing. Wear goggles or face shield and chemical resistant gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ACCEPTED

DEC - 2 2008

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No.

82100-2

December 1, 2008

FIRST AID

IF IN EYES: 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: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center for further treatment advice.

IF SWALLOWED: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. Call a poison control center or doctor immediately for treatment advice.

HOT LINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-359-5667 day or night, for emergency medical treatment information.

ENVIRONMENTAL HAZARDS:

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.

In the event of an in-transit environmental release or spill of this product, that may endanger the environment, call 1-866-359-5667.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product may be used to formulate products for

any additional uses not listed on the label if the formulator, user group, or grower has complied with U.S. EPA data requirements regarding the support of such uses.

STORAGE AND DISPOSAL

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

Storage: Keep pesticide in original container. Keep container tightly closed when not in use. Do not store in aluminum, fiberglass, copper, brass, zinc, or galvanized containers. Protect from excessive heat. Store in a cool, dry place.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill container. Empty the remaining contents into application equipment or mix tank. Triple rinse as follows: Fill the container 1/4 full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand container on its end and tip back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat the procedure two more times. Then offer for recycling or reconditioning, or puncture and or dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

GENERAL USE INFORMATION

Technical potassium silicate is used to formulate end use product pesticides recommended for agricultural crops, fruits, nuts, vines, turf and ornamentals. Optimum disease control is obtained when the fungicide is applied on a regularly scheduled preventative program. Potassium silicate also provides control of mites and suppression of whiteflies and other insects. Control is achieved through physical contact.

**POME FRUIT, NUT CROPS, STONE FRUITS
(Including but not limited to)**

- | | | |
|------------|------------|-----------|
| Apples | Crabapple | Loquat |
| Mayhaw | Pear | Quince |
| Apricot | Cherry | Nectarine |
| Peach | Plum | Prune |
| Almond | Beech nut | Filbert |
| Butternut | Cashew | Chestnut |
| Chinquapin | Brazil nut | Macadamia |
| Hickory | Pecan | Walnut |

**BERRIES AND VINE CROPS
(Including but not limited to)**

- | | | |
|------------|-----------|------------|
| Blackberry | Blueberry | Gooseberry |
|------------|-----------|------------|

- | | | |
|------------|-----------|------------|
| Loganberry | Raspberry | Strawberry |
| Grapes | | |

**ROOT & BULB VEGETABLES
(Including but not limited to)**

- | | | |
|--------------|----------|--------------|
| Beet, garden | Chicory | Rutabaga |
| Beet, sugar | Ginseng | Salsify |
| Horseradish | Carrot | Parsley root |
| Celeriac | Radish | Turnip |
| Chervil | Potato | Cassava |
| Ginger | Rutabaga | Sweet Potato |
| Yam | Garlic | Leek |
| Onion | Shallot | |

**LEAFY & BRASSICA VEGETABLES
(Including but not limited to)**

- | | | |
|-------------|------------------|-------------|
| Arugula | Celery | Endive |
| Fennel | Parsley | Radichio |
| Rhubarb | Spinach | Swiss chard |
| Broccoli | Brussels sprouts | Cabbage |
| Cauliflower | Collards | Kale |
| Kohlrabi | Mustard Greens | Lettuce |

**LEGUME VEGETABLES
(Including but not limited to)**

- | | | |
|--------|------------|----------|
| Beans | Broad bean | Chickpea |
| Lentil | Pea | Soybean |

**CUCURBIT & FRUITING VEGETABLES
(Including but not limited to)**

- | | | |
|-----------|---------|------------|
| Cucumber | Gherkin | Pumpkin |
| Muskmelon | Squash | Watermelon |
| Eggplant | Pepper | Tomato |

**CITRUS FRUITS
(Including but not limited to)**

- | | | |
|------------|----------|---------|
| Grapefruit | Orange | Lime |
| Lemon | Mandarin | Pummelo |
| Tangerine | | |

**CEREAL GRAINS
(Including but not limited to)**

- | | | |
|-----------|--------|---------|
| Barley | Oats | Sorghum |
| Popcom | Corn | Rice |
| Wheat | Millet | Rye |
| Wild rice | | |

**TURF & ORNAMENTALS
(Including but not limited to)**

- Broadleaf Shrubs & Trees**
- | | | |
|------------------|-----------|------------------|
| Andromeda | Ash | Aspen |
| Azalea | Buckeye | Camellia |
| Cherry Laurel | Crabapple | Dogwood |
| Eucalyptus | Euonymus | Firethorn |
| Flowering almond | | Flowering cherry |
| Flowering peach | | Flowering plum |
| Flowering quince | | Hawthorn |
| Holly | Lilac | Magnolia |
| Maple | Laurel | Oak |
| Red-tip | Poplar | Privet |
| Rhododendron | Sequoia | Spirea |
| Sycamore | Viburnum | Walnut |

FLOWERING PLANTS & BULBS

African violet	Begonia	Carnation
Chrysanthemum	Crocus	Daffodil
Daisy	Geranium	Gladiolus
Hollyhock	Hydrangea	Iris
Lily	Marigold	Narcissus
Pansy	Petunia	Phlox
<u>Poinsettia</u>	Rose	Statice
Tulip	Zinnia	

FOLIAGE PLANTS

Aglaonema	Palm	Artenesia
Boston fern	Dracaena	Dumbcane
Fatsia	Ficus	Ruffle fern
Lipstick plant	Ming aralias	Oyster plant
Pachysandra	Parlor palm	Peperomia
Philodendron	Prayer plant	Syngonium
Zebra plant	Leatherleaf fern	

ADDITIONAL CROPS

Artichoke	Asparagus	Chayote
Coffee	Cotton	Hops
Jojoba	Ornamental	Turf grass
Sesame	Sunflower	Tea

Grass grown for Seed

CONDITIONS OF SALE – Limited Warranty and Limitations of Liability and Remedies

Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return unopened container at once to the seller for full refund of purchase price paid.

The directions for use of this product are believed to be adequate and must be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of PQ Corporation or the seller. PQ Corporation recommends that the user or grower test this product on a portion of the crop to determine suitability for the intended use. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment.

PQ Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the factors noted above which are beyond the control of PQ Corporation. To the extent consistent with applicable law, PQ Corporation makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

To the extent consistent with applicable law, the exclusive remedy against PQ Corporation for any

cause of action relating to the handling or use of this product shall be limited to, at PQ Corporation's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used

To the extent consistent with applicable law, PQ Corporation shall not be liable and any and all claims against PQ Corporation are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. PQ Corporation and the seller offer this product, and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.