

47000-157

9/24/2012

1/6



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 24, 2012

Mr Steve Rogosheske
Chem-Tech, Ltd
4515 Fleur Drive, #303
Des Moines, IA 50321

Subject Amended Reregistration Label

Product Name SK Surekill Brand Pyrethrin Plus Spray Insecticide with Vapona
EPA Registration Number 47000-157
EPA Decision Numbers 393453, 410172, 411897

Dear Mr Rogosheske

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the reregistration of the referenced product in connection with the Dichlorvos, Pyrethrins, and Piperonyl butoxide REDs and has concluded that your submission is acceptable

NOTE This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time

Please be reminded that 40 CFR Part 156 140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10


Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.


- Basic CSF, dated 10/21/2009

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e).

If you have any questions about this letter, please contact Dana Pilitt, Ph D at (703) 305-7071 or via e-mail at pilitt.dana@epa.gov

Sincerely,



 Mark Suarez
Product Manager (13)
Insecticide Branch
Registration Division (7504P)

*Enclosures Label stamped Accepted , dated September 24 2012
Acute Toxicity Review dated May 11 2009
Product Chemistry Review dated October 3 2011*

SK Surekill Brand Pyrethrin Plus Spray Insecticide with VAPONA

[Pyrethrins + Vapona]

ACTIVE INGREDIENTS

Pyrethrins	0 05%
*Piperonyl butoxide	0 10%
Dichlorvos (2 2-dichlorovinyl dimethyl phosphate)	0 50%
++OTHER INGREDIENTS	99 35%
TOTAL	100 00%

ACCEPTED

SEP 24 2012

Under the Federal Insecticide Fungicide and Rodenticide Act, as amended for the pesticide registered under EPA Reg No **47000-157**

*Consists of (butylcarbityl) (6-propylpiperonyl) ether and other related compounds

++Contains petroleum distillate

KEEP OUT OF REACH OF CHILDREN WARNING ADVISO

FIRST AID	
Contains an organophosphate that inhibits cholinesterase	
If on skin or clothing	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	Immediately call poison control center or doctor Do not induce vomiting unless told to do so by poison control center or doctor Do not give any liquid to the person Do not give anything by mouth to an unconscious person
If inhaled	Move person to fresh air If person is not breathing call 911 or ambulance then give artificial respiration preferably mouth to mouth if possible Call a poison control center or doctor for further treatment
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
For emergency information contact the National Pesticide Information Center at 1-800-858-7378 Have the product container or label with you when calling a poison control center or doctor or going for treatment	
Note to physician POISONING SYMPTOMS Symptoms include weakness headache tightness in chest blurred vision non-reactive pin-point pupils salivation sweating nausea vomiting diarrhea and abdominal cramps	
TREATMENT Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation If there are signs of parasympathetic stimulation Atropine Sulfate should be injected at 10 minute intervals in doses of 1 to 2 mgs until complete atropinization has occurred Pralidoxime chloride (2-PAM) may also be used as an effective antidote in addition to and while maintaining full atropinization In adults initial dose of 1 gram of 2-PAM should be injected preferably as an infusion in 250 cc of saline over a 15 to 30 minute period If this is not practical 2-PAM may be administered slowly by intravenous injection as a 5 percent solution in water over not less than two minutes After about an hour a second dose of 1 gram of 2-PAM will be	

indicated if muscle weakness has not been relieved For infants and children the dose of 2-PAM is 0.25 gram Morphine is an improper treatment

Clear chest by postural drainage Oxygen administration may be necessary Observe patient continuously for 48 hours Repeated exposure to cholinesterase inhibitors may without warning cause prolonged susceptibility to very small doses of any cholinesterase inhibitor Allow no further exposure until cholinesterase regeneration has been attained as determined by blood test

Causes skin irritation

Contains petroleum distillate Vomiting may cause aspiration pneumonia

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

WARNING

Causes skin irritation Do not get on skin or on clothing Harmful if swallowed

Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are listed below If you want more options follow the instructions of category C on an EPA chemical resistance category selection chart in the Worker Protection Standard

Mixers loaders applicators and other handlers must wear

Mixers loaders applicators and other handlers must wear

- Coveralls over short-sleeved shirt and short pants
 - Socks and chemical-resistant footwear
 - Chemical-resistant gloves such as barrier laminate nitrile rubber neoprene rubber or viton
- A NIOSH approved respirator with - an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number TX-23C) - or a canister approved for pesticides (MSHA/NIOSH approval number TC-14G) - or an organic vapor removing cartridge or canister with any N R P or HE prefilter

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE If no such instructions for washables exist use detergent and hot water Keep and wash PPE separately from other laundry Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate Do not reuse them

User Safety Recommendations

Users should wash hands before eating drinking chewing gum using tobacco or using the toilet

Users should remove clothing/PPE immediately if pesticide gets inside Then wash thoroughly and put on clean clothing Users should remove PPE immediately after handling this product Wash outside of gloves before removing As soon as possible wash thoroughly and change into clean clothing

ENVIRONMENTAL HAZARDS

This product is toxic to fish birds and aquatic invertebrates Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas This product may contaminate water through runoff This product has a potential for runoff for several weeks after application Poorly draining soils and soils where shallow water tables are more prone to produce runoff that contains this product Do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high water mark Do not contaminate water by disposing of equipment washwaters or rinsate

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Combustible Do not use pour spill or store near heat or open flame

DIRECTIONS FOR USE

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

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not apply in areas where animals have received direct application of DDVP within eight (8) hours

Use in residential sites is prohibited

Use on lawns turf or ornamentals is prohibited

For use as a directed spray Except when applying to livestock do not enter or allow others to enter treated area until sprays have dried

For space spray or fog use Do not enter or allow others to enter until vapors mists and aerosols have dispersed and the area has been thoroughly ventilated

Do not remain in treated area Exit area immediately and remain outside the treated area until aerosols vapors and/or mists have dispersed

Except when applying to livestock do not apply this product in a way that will contact workers or other persons either directly or through drift

Except when applying to livestock only protected handlers may be in the area during application

Remove or cover exposed food and drinking water before application Remove or cover dishes utensils food processing equipment and food preparation surfaces or wash them before use

When used in dairy barns or facilities Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects Remove or cover milking utensils before application

Wash teats of animals before milking

Not for use in outdoor residential misting systems

GENERAL

This is a dual-purpose formula designed to protect dairy and beef cattle from attacks of biting flies in barns and out in the pasture and also to function as an effective space spray for quick knockdown and kill of flies in barns

Animal Spray

To develop a residual repellency to stable flies mosquitoes and gnats on dairy cows apply 1 to 2 ounces of this product to each animal for a three day period The spray should be applied with a good hydraulic-type hand sprayer so that the animal's entire body has been uniformly covered Special care should be used in spraying the legs belly and shoulders Avoid areas around the nose eyes and mouth Avoid wetting the hide Do not make direct application to livestock more frequently than once per day Spray in the same manner again after two days have elapsed and every second day thereafter or when insects again disturb the animal Calves should be sprayed very lightly once a day instead of attempting to build up a residual repellence by spraying more heavily Brahman and Brahman cross cattle should not be treated as they may show hypersensitivity to organic phosphates

For control of lice on livestock spray the animals with 2 ounces of this product Immediately rub the spray into the hair (do not use bare hand), paying particular attention to infested areas Repeat as necessary but not more frequently than once every three weeks

Space Spray for Barn Fly Control

To kill flies mosquitoes and gnats in the barn prior to milking close all doors and windows and direct the spray towards the ceiling The barn should remain closed for 10 to 20 minutes Sweep up and destroy fallen insects Repeat as necessary but no more than once per day Apply at the

2/6

rate of one ounce spray per 1 000 cubic feet Do not remain in the treated areas and ventilate the area after treatment is complete Do not use this solution for fogging or misting in areas where animals have received direct application of dichlorvos or other organophosphate within 8 hours Do not contaminate water feed or foodstuffs milk or milking utensils Avoid over spraying which will result in wetting the animal s hides

STORAGE AND DISPOSAL

Prohibitions Do not contaminate water food or feed by storage or disposal
 STORAGE Store in a cool dry secure area in original container
 PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility
 CONTAINER HANDLING Non-refillable container Do not reuse this container If empty Place in trash or offer for recycling if available If partly filled Call your local solid waste agency for disposal instructions Never place unused product down any indoor or outdoor drain

NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product Ineffectiveness or other unintended consequences may result because of such factors as weather conditions presence of other materials or the manner of use or application all of which are beyond the control of Chem-Tech Ltd the manufacturer or seller To the extent allowed by law Chem-Tech Ltd the manufacturer or seller shall not be liable for consequential special or indirect damages resulting from the use or handling of this product All such risks shall be assumed by the buyer

Except as expressly provided herein Chem-Tech Ltd the manufacturer or seller makes no warranties guarantees or representations of any kind either express or implied or by usage of trade statutory or otherwise with regard to the product sold including but not limited to merchantability fitness for a particular purpose use or eligibility of the product for any particular trade usage To the extent allowed by law buyer s or user's exclusive remedy and Chem-Tech Ltd s the manufacturer s or seller's total liability shall be for damages not exceeding the cost of the product

EPA Reg No 47000-157

EPA Est No 47000-IA-01

NET CONTENTS _____

Mfg By
 Chem-Tech, Ltd
 4515 Fleur Drive
 Des Moines, IA 50321