

SureKill[®] Advanced Insecticide Products Flusher

KILLS: Angoumois Grain Moths, Ants, Asian Lady Beetles, Bed Bugs, Booklice, Box Elder Bugs, Carpet Beetles, Centipedes, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cluster Flies, Cockroaches, Confused Flour Beetles, Crickets, Drug Store Beetles, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, House Flies, Indian Meal Moths, Mediterranean Flour Moths, Millipedes, Mosquitoes, Mud Daubers, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Sowbugs, Spiders, Stable Flies, Stink Bugs, Ticks and Wasps.

FOR USE IN: Food Storage Areas, Homes, Hospitals, Hotels, Food Processing Plants, Nursing Homes, Resorts, Restaurants, and other Food Handling Establishments, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Planes (Cargo Areas Only), Ships, Trains, Trucks), Utilities, Warehouses, and other Residential, Commercial and Industrial Buildings.

ACTIVE INGREDIENT:

- Pyrethrins 0.50%
- *Piperonyl Butoxide 1.00%
- **N-Octyl Bicycloheptene Dicarboximide... 1.60%
- **OTHER INGREDIENTS:** 96.90%
- TOTAL** 100.00%
- *(Butylcarbityl)(6-propylpiperonyl) ether and related compounds.
- **Contains Petroleum Distillates

EPA Reg. No. 1021-1761-47000 EPA Est. No. 47000-IA-01

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

If Swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.
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 doctor for further treatment advice.

Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration hazard.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).

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

CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)

Applicators, and other handlers must wear the following:

- Long-sleeve shirt,
- Long pants,
- Shoes and socks

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 material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

PHYSICAL OR CHEMICAL HAZARDS:

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in electrical equipment (where there is exposed wiring or contact points) due to possibility of short circuits and shock hazard. Do not spray on plastic, painted, or varnished surfaces or directly into any electrical equipment such as radios, televisions, computers, etc.

DIRECTIONS FOR USE

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

This product provides rapid kill of insects contacted. This product is recommended for use as an aid for inspections, to determine the presence of insects, their locations and in indication of the size and distribution of the infestation. It provides rapid kill of insects contacted.

SPECIMEN LABEL

Precautions and Restrictions

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

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

Do not enter or allow others to enter until sprays have dried.

Do not allow adults, children, or pets to enter the treated area for at least 15 minutes, until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Do not remain in treated area and thoroughly ventilate the area and treatment is completed.

Do not contaminate water, food or foodstuffs.

Remove all pets and birds.

For aquariums, remove or cover and turn off air pumps (if conditions permit).

IN HOSPITALS: Remove patients prior to treating the facility. Thoroughly ventilate area for at least two hours prior to returning patients.

IN PLANE CARGO AREAS: Application of this product in airplane cabins is strictly prohibited. Only treat cargo areas while plane is vacant. Following treatment, thoroughly ventilate cargo areas for at least 2 hours prior to reoccupying. Remove or cover exposed food and drinking water before application.

Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash before use.

Do not make space spray applications when facility is in operation.

Prior to space spray applications, cover or remove food.

Prior to space spray applications, cover food processing surfaces or clean after treatment and before use.

INDOOR USE ONLY

FOOD AREAS OF FOOD HANDLING

ESTABLISHMENTS: Foods should be removed or covered during general volumetric treatment (space spray). After general volumetric treatment, all exposed food processing surfaces and equipment should be thoroughly washed with an effective cleaning compound followed with a potable water rinse before using. Careful crack and crevice application for inspection purposes is permissible at all times. In food handling establishments, do not apply as a space spray while food processing is underway. Do not apply more than 1 time per day.

FLYING INSECTS (Flies, Mosquitoes, Small Flying Moths, Wasps, Gnats): Close all windows and doors. Apply upward in a sweeping motion at a rate of 1-2 seconds per 1,000 cubic feet. Keep treated area closed for at least 15 minutes. Open and thoroughly ventilate treated area before reoccupying. Do not apply more than 1 time per day.

CRAWLING INSECTS (Cockroaches, Ants, Spiders, Silverfish): General Volumetric Treatment – Open cabinets and doors into space to be treated. Turn off air conditioners and fans and close windows and doors before treating. Disperse toward areas suspected of greatest insect harborage at a rate of 1-2 seconds per 1,000 cubic feet. Contact as many insects as possible. Keep treated area closed for at least 15 minutes. Open and thoroughly ventilate treated area before reoccupying. Do not apply more than 1 time per day. Also spray into cracks, crevices, and hiding areas such as baseboards, moldings, door frames, under sinks, behind stoves and refrigerators, and around plumbing and drains.

FLEAS: Spray sleeping quarters, bedding, floor, and floor covering where pets are kept. Apply for 10-15 seconds per 100 square feet.

ANTS: Spray ant trails, nest, and points of entry. For initial clean-out, apply for 10-15 seconds per 100 square feet.

CONFUSED FLOUR BEETLES, RED FLOUR BEETLES, SAWTOOTHED GRAIN BEETLES, GRANARY WEEVILS, RICE WEEVILS, GRAIN MITES, CARPET BEETLES, and CIGARETTE BEETLES: Spray into cracks and crevices, around processing and handling equipment, around cartons and containers and other areas insects tend to congregate. Apply for 10-15 seconds per 100 feet of square area. Any infested stored products should be treated with an effective method intended for that purpose.

TICKS: Direct application toward pets beds and resting quarters. Treat cracks and crevices such as the edge of carpet and floor covers and under baseboards as well as high cracks and window frames where females may crawl to lay eggs. Apply for 10-15 seconds per 100 square feet of area.

BED BUGS: Take bed apart and treat cracks, joints, and frame. Apply to box springs and mattress tufts, folds and seams. Also treat baseboards, floors, window coverings, wall hangings, furniture, and headboard. Apply for 10-15 seconds per 100 square feet of area.

WASPS INSIDE STRUCTURAL VOIDS: Locate all insect entrances and close all but one opening. Determine the size of the void. Treat at a rate of 5 to 10 seconds per three cubic feet of void. For best results treat at dusk or later. Repeat every 3 days as needed.

CRACKS, CREVICES AND CLOSED VOIDS: Inject SureKill Advanced Insecticide Products Flusher into cracks and crevices or closed void areas where insects may be harboring, living or breeding. For cracks, crevices, holes and other small openings, inject approximately one-second of product. For closed voids calculate the void's cubic volume and treat at the rate of five to ten seconds per three cubic feet. For inaccessible voids drill small holes and inject product. Several holes may be required in long-running voids. Insects that are contacted will be driven from their harborage sites.

Spray SureKill Advanced Insecticide Products Flusher for 1 to 3 seconds into each of the open void areas in, under, and/or around equipment, stored items, stoves, cabinets, cooking equipment, washers, dryers and refrigerators to kill and drive listed insects from these areas.

STORAGE AND DISPOSAL

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

Pesticide Storage:

Store in a cool dry area. Always store pesticides in the original container. Store away from food and pet food.

Pesticide Disposal and Container Handling:

Nonrefillable container. Do not reuse or refill 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.

For non-emergency (e.g. current product information)
call: **1-800-621-8829**

**Manufactured For:
Chem-Tech, Ltd.
1006 North Highway 5
Pleasantville, IA 50225**

SureKill® is a Registered Trademark of Neogen Corporation.

Optional Marketing Statements: Instantly drive roaches from their harborages
Ideal inspection tool
Provides intitial kill of pest contacted.
Integral part of an IPM Program in schools, government buildings, military bases, and other public buildings
Patented Dry Delivery
Dry Aerosol Delivery
Patented Dry Fog Technology
Patented Non-Flammable Formula
10 micron average particle size.
Contains Pyrethrins – a botanical insecticide derived from Chrysanthemum flowers.

Dual Synergized Pyrethrins

Kills Ants, Cockroaches, Fleas, Flies, Ticks, Spiders, and Wasps

Kills a broad spectrum of flying and crawling insects.

For us in Food Handling and Processing

Provides flushing and kill

Rapid flushing and kill

For space spray, crack & crevice application

Contains no ozone depleting substances

Ready to Use

Easy to Use

Code (NE.RG.) NG.RA.

Item No.: 101011
Net Contents: 17 ounce
UPC: 0 45446 00134 (1)
Format: UPC-A
Label:

Item No.: 101011
Net Contents: 6 x 17 ounce
UPC: 600 45446 60134 (5)
Format: Interleaved 2-0f-5
Label: Case



ATTN:

**SUREKILL ADVANCED INSECTICIDE PRODUCTS FLUSHER,
EPA Reg. No. 1021-1761-47000
SAFETY DATA SHEET**

To Whom It May Concern:

Chem-Tech, Ltd., a wholly-owned subsidiary of Neogen Corporation (“Chem-Tech”), is a registered supplemental distributor for the Environmental Protection Agency-Registered Product Number 1021-1761. Enclosed herein is a copy of the primary registrant’s safety data sheet (“SDS”) applicable to:

SUREKILL ADVANCED INSECTICIDE PRODUCTS FLUSHER

Please note the following:

- **SDS Supplied by: MGK Insect Control Solutions**
- **Manufactured By: Chem-Tech, Ltd. 110 Hopkins Dr, Randolph WI 53956**
- **Emergency Numbers: 1-800-740-8712**

Please additionally note that Chem-Tech, Ltd. makes no warranty or guarantee regarding the information and recommendations set forth herein (“Information”). The Information is presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.

Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.

Should you have any questions, please contact: regulatorysupport@neogen.com.



Issue Date: 22-Jun-2017

Revision Date: 22-Jun-2017

Version: 2

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name: PYROCIDE® Flusher™ 51922
EPA Registration Number: 1021-1761

Other means of identification

Recommended use of the chemical and restrictions on use:

Recommended Use: A Liquefied Aerosol Insecticide Spray.

Details of the supplier of the safety data sheet

Manufacturer Address: McLaughlin Gormley King Company
8810 10th Avenue North
Minneapolis, MN 55427
Telephone Number: (800) 645-6466, or (763) 544-0341
e-Mail Address: mgk-sds@mgk.com

FAX #: (763) 544-6437

Emergency telephone numbers:

24 Hour TRANSPORTATION Emergency: CHEMTREC®: (800) 424-9300

International: (703) 527-3887

24 Hour MEDICAL Emergency: SafetyCall®: (888) 740-8712, or (952) 852-9509

Comments: MGK® Hours of operation are 8:00 a.m. to 4:30 p.m. CST, 14:00 to 22:30 GMT.
For MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours a day to
(888) 740-8712, or (952) 852-9509.

2. HAZARDS IDENTIFICATION

Environment: OSHA has not adopted the environmental - portion of the GHS regulations, however, this SDS may include information on environmental effects.

Classification:

OSHA Regulatory Status:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Gases under pressure

Liquefied gas

Label elements

Emergency Overview

WARNING

Hazard statements

- H280 - Contains gas under pressure; may explode if heated
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects



Appearance: Milky yellow - Milky white (Aerosol Non-volatiles)

Physical state: Aerosol - Compressed liquefied gas.

Odor Strong - Solvent

Precautionary Statements - Prevention:

P251 - Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response:

P321 - Specific treatment (see Section 4/ First Aid).

Precautionary Statements - Storage:

P410 + P403 - Protect from sunlight. Store in a well-ventilated place

Precautionary Statements - Disposal:

P501 - Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC):

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Pyrethrins	8003-34-7	0.50
Piperonyl Butoxide (PBO)	51-03-6	1.00
MGK®-264 Insecticide Synergist (n-Octyl bicycloheptene dicarboximide)	113-48-4	1.60
Petroleum distillates, hydrotreated light	64742-47-8	< 10 *
Acetone	67-64-1	10<--->15 *
Isobutane	75-28-5	11.1

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Comments: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

Aspiration pneumonia hazard: • No information available

Description of first aid measures:

Eye contact: 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.

Skin Contact: 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.

Ingestion: If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give **any** liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

Inhalation: Remove affected 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 doctor for further treatment advice.

Self-protection of the First Responder: Remove all sources of ignition. Use personal protective equipment as required.

Note to physicians: For skin effects, a highly efficient therapeutic agent for Pyrethrin/ Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:
Caution: Use of water spray when fighting fire may be inefficient.

Hazardous combustion products: Carbon monoxide, Carbon dioxide (CO2).

Specific hazards arising from the chemical
Extremely flammable.

Explosion data
Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

Protective equipment and precautions for firefighters:
In the event of fire and/or explosion do not breathe fumes.

<u>NFPA</u>	Health hazards 1	Flammability 0	Instability 0	Physical and Chemical Properties *
<u>HMIS</u>	Health hazards 1*	Flammability 0	Physical hazards 0	

Chronic Hazard Star Legend * = Chronic Health Hazard

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic

sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up: Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling: Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. For more information, see product label.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. For more information, see product label.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Supplier OEL
Pyrethrins 8003-34-7	TWA: 5 mg/m ³	TWA: 5 mg/m ³ (vacated) TWA: 5 mg/m ³	IDLH: 5000 mg/m ³ TWA: 5 mg/m ³	-
Petroleum distillates, hydrotreated light 64742-47-8	-	-	-	TWA: 100 ppm TWA: 525 mg/m ³
Acetone 67-64-1	STEL: 500 ppm TWA: 250 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors. (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³	-
Isobutane 75-28-5	STEL: 1000 ppm explosion hazard	-	TWA: 800 ppm TWA: 1900 mg/m ³	-

NIOSH IDLH *Immediately Dangerous to Life or Health*

Other Information: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls: Safety showers
 Eyewash stations
 Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection: Protective eyewear is recommended, but is not required.

Skin and body protection: Protective gloves are recommended, but are not required.

Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations: When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Physical state: Aerosol - Compressed liquefied gas.
Appearance: Milky yellow - Milky white (Aerosol Non-volatiles)
Odor Strong - Solvent
Odor threshold: No information available
Color (Gardner Scale): 6.5

Property: pH:	Values: 5.2	Comment: • Method @ 10% in H ₂ O. Test was performed on aerosol Non-Volatile's. .
-------------------------	-----------------------	--

Melting point / freezing point: Boiling point / boiling range: Flash point:	No information available No information available -7.2 °C / 19.0 °F	Tag Closed Cup; Test was performed on aerosol Non-Volatile's;
--	---	---

Evaporation rate: No information available
Flammability (solid, gas): No information available
Upper flammability limit (UEL): No information available
Lower flammability limit (LEL): No information available
Vapor pressure: No information available
Vapor density: No information available
Specific Gravity: No information available
Water solubility: No information available
Partition coefficient; n-Octanol/ Water: No information available
Autoignition temperature: No information available
Decomposition temperature: No information available
Kinematic viscosity: No information available
Dynamic viscosity: 4.5 cPs @ 23.0°C.

Test was performed on aerosol Non-Volatile's.
 @ 25°C (77°F)

Refractive Index: 1.4162

Other Information:

Density: 0.853 g/cm³ @ 20.0 °C (Aerosol Non-volatiles)

VOC Content (%): 94.45

Miscibility/ Solubility:

Water: Immiscible
Alcohol Miscible
Aromatic solvents: Miscible
Petroleum distillates: Miscible

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization: Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials:

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Numerical measures of toxicity - Product Information

Oral LD₅₀ >5,000 mg/kg (rat)
Dermal LD₅₀ >2,000 mg/kg (rabbit)
Inhalation LC₅₀ >11.79 mg/L, (rat; 4 hours)
Eye contact: Irritation clearing in 48 hours. (rabbit).
Skin Contact: Slight irritation at 72 hours. (rabbit).
Skin Irritation Index: 1.9

Sensitization: Negative. (guinea pig).

Comment: Toxicology data was bridged from a similar formula.

Piperonyl Butoxide: Marginally higher incidences of benign liver tumors in mice were observed following lifetime high dose exposures to PBO. The significance of these observations is questionable and under review. The doses at which tumors were observed for PBO greatly exceeded potential human exposure from labeled uses. Doses at which these effects were observed greatly exceeded anticipated human dietary intake. At anticipated dietary exposure levels, it is highly unlikely that this product will result in carcinogenic effects.

Carcinogenicity/ Oncogenicity:

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity: No information available.
Developmental Toxicity No information available.
Teratogenicity: No information available.
STOT - single exposure: No information available.
STOT - repeated exposure: No information available.
Chronic toxicity: Avoid repeated exposure.
Target Organ Effects: Central nervous system, Eyes, Respiratory system, Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient; n-Octanol/ Water:
Acetone 67-64-1	-0.24
Isobutane 75-28-5	2.88

Other adverse effects: No information available

Environmental hazards (EPA):

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.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations. For more information, see product label.

Contaminated packaging: For more information, see product label.

14. TRANSPORT INFORMATION

DOT (Department of Transportation)

UN/ID Number: UN1950
Proper Shipping Name: Aerosols, non-flammable
Hazard Class: 2.2

Air (IATA/ ICAO)

UN/ID Number: UN1950
Proper Shipping Name: Aerosols, non-flammable
Hazard Class: 2.2

Vessel (IMO/ IMDG)

UN/ID Number: UN1950
Proper Shipping Name: Aerosols, non-flammable
Hazard Class: 2.2

15. REGULATORY INFORMATION

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard

Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	Yes
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Pyrethrins 8003-34-7	1 lb	-	-	-

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ):
Pyrethrins 8003-34-7	1 lb	-	RQ 1 lb final RQ RQ 0.454 kg final RQ
Acetone 67-64-1	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations:

California Proposition 65:

This product does not contain any Proposition 65 chemicals

U.S. EPA Label Information:

EPA Registration Number: 1021-1761

Difference between SDS and EPA (FIFRA) Pesticide label:

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use. The hazard information required on the pesticide label is reproduced below:

Signal word: **CAUTION**

Precautionary Statements:

- Harmful if inhaled.
- Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

International:

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Does not comply
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION.

Issue Date:	Revision Date:	Revision Note:
22-Jun-2017	22-Jun-2017	- SDS sections updated
		- 2
		- 3
		- 5
		- 8
		- 15
		- 16

SDS Prepared By:

e-Mail Address:

Troy Azzivitto, MGK® Chemistry Department.

mgk-sds@mgk.com

Disclaimer:

The information provided in this Safety Data Sheet (SDS) is provided in good faith and believed to be accurate at the time of preparation of the SDS. However, to the extent consistent with applicable law, MGK® and its subsidiaries or affiliates extend no warranties, make no representations, and assume no responsibility as to the accuracy, suitability, or completeness of such information. Additionally, to the extent consistent with applicable law, neither MGK® nor any of its subsidiaries or affiliates represents or guarantees that this information or product may be used without infringing the intellectual property rights of others. Except to the extent a particular use and particular information are expressly stated on the product label,

it is the users' own responsibility to determine the suitability of this information for their own particular use of this product. If necessary, contact MGK® to confirm that you have the most current product label and SDS.

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA-APPROVED PRODUCT LABEL (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom"). The product label provides information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products is regulated by the EPA under the authority of FIFRA through the product label. All necessary hazard classification and appropriate precautionary use, storage, and disposal information is set forth on that label or labeling accompanying the pesticide or to which reference is made on the label. It is a violation of federal law to use an EPA-registered pesticide product in any manner inconsistent with its labeling.

End of Safety Data Sheet.