

**SECTION 1: IDENTIFICATION**

**PRODUCT NAME:** AllPro Evoluer 30-30 ULV  
**EPA REG. NUMBER:** 769-983  
**PRODUCT NUMBER:** 51030, 51031, 51032, 51033, 51034

*MSDS  
pesticide  
Sheet*

**MANUFACTURER:** Value Garden Supply  
**ADDRESS:** P.O. Box 585, St. Joseph, MO 64502  
**MANUFACTURER PHONE:** (888) 603-1008  
**MANUFACTURER FAX PHONE:** (952) 884-6149  
**EMERGENCY PHONE:** (800) 858-7378

**PRODUCT USE:** For use only by federal, state, tribal, or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

**SECTION 2: HAZARD IDENTIFICATION**

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS:** May be fatal if swallowed and enters airways. Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.



**SYMBOLS:** Health Hazard, and Exclamation Mark.

**PRECAUTIONARY STATEMENTS:**

- PREVENTION:** Do not breathe mists. Wash hands thoroughly after handling. Avoid breathing mist and spray. Use only outdoors in a well-ventilated area. Wear protective gloves and clothes, eye and face protection. Do not eat, drink or smoke when using this product.
- RESPONSE:** If swallowed: Immediately call a poison center. Do NOT induce vomiting. Rinse mouth. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center, if you feel unwell. If on skin: Wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse.
- STORAGE:** Store locked up.
- DISPOSAL:** Dispose of contents at approved chemical waste disposal facility. Dispose of empty containers after triple rinsing, or according to label directions, in regular waste (see section 13 for specific instructions).

40% of this mixture consists of ingredients of unknown acute toxicity.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

| <b>INGREDIENTS*:</b>  | <b>CAS NO.</b> | <b>% WT</b> |
|-----------------------|----------------|-------------|
| Permethrin            | 52645-53-1     | 30%         |
| Piperonyl Butoxide    | 51-03-6        | 30%         |
| Petroleum Distillates | 63741-89-5     | <40%        |

A trade secret under 29 CFR 1200(i) is claimed for the remaining ingredients of this product.

\* All ingredients in quantities > 1.0 % (> 0.1 % for carcinogens or teratogens) that are **potentially** hazardous per OSHA definitions

**SECTION 4: FIRST AID MEASURES**

**EYES:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**INGESTION:** Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**INHALATION:** Get to fresh air. Call a poison control center or doctor for treatment advice.

**IMPORTANT:** Have this product label with you when calling a poison control center or doctor or when going for treatment. You may also call 1-800-858-7378 for emergency medical treatment advice.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Contains petroleum distillate. Vomiting may cause aspiration pneumonia.



# SAFETY DATA SHEET



## SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: 200°F

AUTOIGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical, or ware fog .

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full protective clothing and self-contained breathing apparatus. Evacuate non-essential personnel from the area to prevent exposure to fire, smoke, fumes, or products of combustion. Prevent use of contaminated buildings, area and equipment until decontaminated. Smother to exclude air. Do not use water. Handle as an oil fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

NFPA HAZARD CLASSIFICATION: HEALTH FIRE REACTIVITY SPECIAL  
 1 0 0 N/A

NFPA HAZARD RATING CODES: INSIGNIFICANT SLIGHT MODERATE HIGH EXTREME  
 0 1 2 3 4

SPECIAL CODES: OX = oxidiser, SA = simple asphyxiant, W = reacts with water

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** In case of spill or leakage, ventilate the area, wear chemical resistant gloves, and footwear. Retrieve and filter the liquid in some manner and use as directed on this label, or "soak-up" the liquid with absorbent material such as sawdust, soil, fuller's earth or, etc. Wear goggles with splash protection or face shield, rubber gloves (nitrile, neoprene, laminated, or Viton), rubber boots, long sleeves and long pants to prevent contact with spilled product.

**SMALL SPILLS:** Cover spill with absorbent material, such as sand, sawdust, earth, etc.. Sweep up and place in an approved chemical waste container. Wash the spill area with water and detergent. Do not allow wash water into sewers or other bodies of water.

**LARGE SPILLS:** Contain spill and prevent it from reaching sewers or surface waters. Cover spill with absorbent material. Sweep up and place in an approved chemical waste container. Wash the spill area with water and detergent. Do not allow wash water into sewers or other bodies of water.

## SECTION 7: HANDLING AND STORAGE

**HANDLING AND STORAGE:** Do not contaminate water, food or feed by storage or disposal. Store upright at room temperatures. Do not expose to extreme temperatures. Store in well-ventilated, secure area, out of reach of children and animals. Do not store near food, beverages or tobacco products. Prevent eating, drinking, tobacco use, and cosmetics application in areas where there is a potential for exposure to this product. Always wash thoroughly after handling. Do not contaminate water, food or feed by storage or handling. Store containers upright at room temperature. Avoid extreme temperatures.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| INGREDIENTS*          | CAS NO.    | % WT | OSHA TWA | OSHA STEL | ACGIH TWA | ACGIH STEL | OTHER† |
|-----------------------|------------|------|----------|-----------|-----------|------------|--------|
| Permethrin            | 52645-53-1 | 30%  | NE       | NE        | NE        | NE         | NE     |
| Piperonyl Butoxide    | 51-03-6    | 30%  | NE       | NE        | NE        | NE         | NE     |
| Petroleum Distillates | 64741-89-5 | <40% | NE       | NE        | NE        | NE         | NE     |

\* All ingredients in quantities > 1.0 % (> 0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions

† AIHA WEEL 8 hour TWA or NIOSH REL 8 hour TWA

N/A = not applicable NE = not established

**ENGINEERING CONTROLS:** Engineering Controls: Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(6)). Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

**EYE PROTECTION:** Goggles for splash protection, or face shield.

**SKIN PROTECTION:** Some Materials that are chemical-resistant to this product are nitrile and neoprene. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart. Mixers, applicators, and other handlers must wear: Long-sleeve shirt and long pants; shoes plus socks; chemical-resistant gloves for all handlers (except for applicators using motorized ground equipment, pilots, and flaggers); chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate. 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.



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**WORK HYGIENIC PRACTICES:** User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User 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 the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|  |   |
|--|---|
| <b>APPEARANCE:</b> Clear amber liquid            | <b>VAPOR PRESSURE (mmHg at 20°C):</b> <1            |
| <b>ODOR:</b> Slight solvent and licorice         | <b>VAPOR DENSITY (AIR = 1):</b> >1                  |
| <b>ODOR THRESHOLD:</b> N/A                       | <b>pH:</b> N/A                                      |
| <b>PHYSICAL STATE:</b> Liquid                    | <b>SPECIFIC GRAVITY:</b> 0.842-0.846                |
| <b>BOILING POINT:</b> NE                         | <b>DENSITY:</b> 0.842-0.846g/ml                     |
| <b>MELTING POINT:</b> N/A                        | <b>FLASH POINT:</b> 200°F                           |
| <b>FLAMMABILITY:</b> N/A                         | <b>AUTO IGNITION:</b> N/A                           |
| <b>VISCOCITY (cSt at 40°C):</b> NE               | <b>LEL/UEL:</b> N/A                                 |
| <b>WATER SOLUBILITY:</b> will not mix with water | <b>OTHER SOLUBILITIES:</b> Miscible in oil          |
| <b>DECOMPOSITION TEMPERATURE:</b> N/A            | <b>PARTITION COEFFICIENT (n-octanol/water):</b> N/A |
| <b>EVAPORATION RATE (BuAc = 1):</b> NE           | <b>% VOLATILE BY VOLUME:</b> NE                     |

### SECTION 10: STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Temperatures over 120°F

**INCOMPATIBLE MATERIALS:** Strong oxidizers

### SECTION 11: TOXICOLOGICAL INFORMATION

**ACUTE ORAL EFFECTS:** Oral LD50 (Rat): >500 to <5,000 mg./kg. (female) >5,000 mg./kg. (male)

**ACUTE RESPIRATORY EFFECTS:** Contains petroleum distillates, which create an aspiration hazard.

**ACUTE DERMAL EFFECTS:** Dermal LD50 (Rat): >2,000 mg/kg. Permethrin is a skin sensitizer in some individuals.

**EYE EFFECTS:** Minimally irritating

**CARCINOGENICITY:** Permethrin: A statistically significant increase of lung and liver tumors was observed in female mice receiving diets containing 375 and 750 mg/kg/day over 85 weeks. Piperonyl Butoxide: Marginally higher incidences of benign liver tumors in mice were observed following lifetime high dose exposures. The significance of this observation is questionable and under review. The doses at which tumors were observed greatly exceeded human dietary intake. At anticipated dietary exposure levels, it is highly unlikely that piperonyl butoxide would result in carcinogenic effects. IARC has also concluded that there is no evidence for the carcinogenicity of white oils when administered by routes other than by interperitoneal injection. The solvent is not carcinogenic according to the OSHA Hazard Communication Standard.

**TERATOGENICITY (birth defects):** Permethrin and Piperonyl Butoxide were not teratogenic when tested in rats.

**REPRODUCTIVE TOXICITY:** Permethrin and Piperonyl Butoxide were not reproductive toxins when tested in rats.

**MUTAGENICITY (genetic effects):** Permethrin and Piperonyl Butoxide did not produce any mutagenic effects when tested in the Ames test.

### SECTION 12: ECOLOGICAL INFORMATION

#### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift



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from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

Under some conditions, it may also have a potential for transport into surface water runoff (primarily adsorbed to suspended soil particles), for several months or more after application. These include poorly drained or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, and areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlying tile drainage systems that drain to surface waters.

**Bee Warning:** This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift on blooming crops or weeds while bees are actively visiting the treatment areas, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of the resulting chemical waste as follows. Pesticide Disposal: Pesticide, spray mixture or rinsate water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**Container Handling: Nonrefillable container. Do not reuse or refill this container.** Triple rinse or pressure rinse container promptly after emptying. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. **Triple Rinse as Follows-Containers 5 gallons or less in capacity:** Do not reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container 1/4 full with mineral oil and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Containers greater than 5 gallons in capacity:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with mineral oil. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it 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 this procedure two more times. **Pressure Rinse as Follows:** Empty the remaining contents into application equipment or a mix tank or continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

### SECTION 14: TRANSPORT INFORMATION

\*DOT SHIPPING NAME: N/A

\* U.S. Department of Transportation

IMO: N/A

### SECTION 15: REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS:** 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. The requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

**CAUTION:** Harmful if swallowed or absorbed through the skin, or inhaled. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash before reuse.

**SARA TITLE III:** Section 311/312: Acute Health Hazard – Yes; Chronic Health Hazard – Yes; Fire Hazard – No; Sudden release of pressure hazard – No; Reactivity hazard – No; Section 313 chemicals: Permethrin (30%) (CAS # 52645-53-1), Piperonyl Butoxide (30%) (CAS # 51-03-6)

**CERCLA:** N/A

**INDIVIDUAL STATES:** N/A

### SECTION 16: OTHER INFORMATION

This information is provided in good faith, but without express or implied warranty. For additional information, refer to the current American Conference of Governmental Industrial Hygienists (ACGIH) documentation for Threshold Limit Values (TLVs) for individual components, current American Industrial Hygiene Association (AIHA) documentation for Workplace Environmental Exposure Levels (WEELs), and the current U.S. DOT Emergency Response Guidebook.

# AiPro EVOLVER 30-30 ULV

Use as directed on or diluted with a suitable solvent i.e. a 60 to 100 second viscosity mineral oil. For exact rates see the "UNDILUTED" or the "DILUTION" Rates charts on this label.

**ACTIVE INGREDIENTS:**  
 Permethrin: CAS [52645-53-1] ..... 30.0%  
 Piperonyl Butoxide: CAS [51-03-6] ..... 30.0%  
**OTHER INGREDIENTS:** ..... 40.0%  
**TOTAL:** ..... 100.0%

\*Contains Petroleum Distillate  
 Contains 2.5 lbs. a.i. Permethrin/gallon and 2.5 lbs. a.i. Piperonyl Butoxide/gallon.

## KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

| FIRST AID                      |   |
|--------------------------------|---|
| <b>If Swallowed:</b>           | Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. |
| <b>If on skin or clothing:</b> | Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.  |
| <b>Important:</b>              | Have this product container or label with you when calling a poison control center or doctor, or when going for treatment. You may also call 1-800-858-7378 for emergency medical treatment advice.                           |
| <b>Note to Physician:</b>      | Contains petroleum distillates. Vomiting may cause aspiration pneumonia.  |

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through the skin, or inhaled. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are nitrile and neoprene. If you want more options, follow the Instructions for category E on an EPA chemical-resistance category selection chart. Mixers, applicators, and other handlers must wear: Long-sleeve shirt and long pants; shoes plus socks; chemical-resistant gloves for all handlers (except for applicators using motorized ground equipment, pilots, and flaggers); chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate, equipment, and

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.

See engineering controls for additional requirements.

**USER SAFETY RECOMMENDATIONS:** User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User 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 the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENGINEERING CONTROLS:** Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(6)). Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

#### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

Under some conditions, it may also have a potential for transport into surface water runoff (primarily adsorbed to suspended soil particles), for several months or more after application. These include poorly drained or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, and areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlying tile drainage systems that drain to surface waters.

**BEE WARNING:** This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift on blooming crops or weeds while bees are actively visiting the treatment areas, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

#### PHYSICAL AND CHEMICAL HAZARDS

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.

##### WHEN TO APPLY

**NOTE:** Do not apply when air temperature is below 50° F. Apply when wind speed is greater or equal to 1 MPH. Do not apply if wind speed exceeds 20 MPH. Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

##### HOW TO APPLY

For proper ground application mount the fog applicator so that the nozzle is at least 4 1/2 ft. above ground level and directed out the back of the vehicle. May be applied at speeds of 5 MPH up to 20 MPH. Failure to follow these label directions may result in reduced effectiveness. For aerial application refer to the "Aerial Application" section on this label. AiPro Evolver 30-30 ULV may be

used as is, or diluted with a suitable solvent i.e. a 60 to 100 second viscosity mineral oil. For exact rates see the "UNDILUTED" or the "DILUTION" Rates charts on this label.

**AiPro Evolver 30-30 ULV** is recommended for application as an Ultra Low Volume (ULV) Thermal or Non-thermal aerosol (cold fog) to control adult mosquitoes, flies, midges and gnats, in residential and recreational areas where these insect pests become a problem; such as, but not limited to parks, campsites, woodlands, athletic fields, golf courses, residential areas, municipalities, gardens, playgrounds, and non-crop waste areas.

**FOR BEST RESULTS:** Treat when mosquitoes or insects are most active and weather conditions are conducive to keeping the fog close to the ground e.g. cool temperatures. Applications during the cool hours of night or early morning are usually preferable.

Do not retreat site more than once in 3 days. Do not exceed 25 applications at 0.007 pound permethrin per acre per application, or 0.18 pound of permethrin per acre per season. When targeting *Aedes triseriatus*, more frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne diseases in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort. Apply when wind speed is greater than 1 MPH. Do not apply by fixed wing aircraft at a height less than 100 ft., or by helicopter at a height less than 75 ft. unless specifically approved by the state or tribe based on public health needs.

Application is prohibited directly into sewers or drains, or to any areas like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter drain during or after application. Not for use in metered release systems. Not for use in outdoor residential misting systems.

#### GROUND-BASED APPLICATIONS

Spray equipment must be adjusted so that the volume median diameter is less than 30 microns (Dv 0.5 < 30 µm) and that 90% of the spray is contained in droplets smaller than 50 microns (Dv 0.9 < 50 µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated. Apply at a rate not to exceed 0.007 pound of permethrin per acre.

**GROUND ULV NON-THERMAL AEROSOL (COLD FOG) APPLICATIONS:** To control mosquitoes, midges and black flies apply AiPro Evolver 30-30 ULV using

any standard ULV ground applicator. When applying this product undiluted apply at a flow rate of 0.32 to 2.19 ounces per minute at an average vehicle speed of 10 MPH. These rates are equivalent to 0.001 to 0.007 pounds of permethrin A.I. and 0.001 to 0.007 pounds piperonyl butoxide A.I. per acre. If a different vehicle speed is used, adjust the rate accordingly. Vary flow rates according to vegetation density and mosquito population. Use higher flow rates in heavy vegetation or when insect populations are high. An accurate flow control system must be used to ensure proper flow rate. AiPro Evolver 30-30 ULV may also be applied by diluting with a 60 to 100 second mineral oil or another suitable solvent, applied so as not to exceed the maximum A.I. rates per acre as shown below. If an alternate dilution is required, adjust the flow rate accordingly, provided droplet size and spectrum remain within label specifications. Do not exceed a flow rate of 20 ounces per minute unless recommended by equipment manufacturers and/or Public Health Officials.

**GROUND THERMAL AEROSOL FOGGING APPLICATIONS:** Refer to the DILUTION RATES tables for fogging applications. Droplet size of thermal "fog" will be very small usually in the 0.5 to 1.0 micron range.

**TRUCK MOUNTED** - Apply AiPro Evolver 30-30 ULV diluted or undiluted with Suitable Thermal Fogging equipment. If diluted use a 60 to 100 second viscosity mineral oil, or another suitable non-phytotoxic diluent, to reduce oil requirement and sludge buildup in equipment. Do not exceed the maximum 0.007 pound A.I. permethrin per acre rate. May be applied at speeds of 5 MPH up to 20 MPH.

**HAND CARRIED** - Use the same rates of A.I. per acre with a 300 ft. swath width at a walking speed of 2 MPH. Do not wet plant foliage. Only use clean, well maintained, and properly calibrated equipment known to give excellent performance. Fog downward. Apply AiPro Evolver 30-30 ULV at 0.001 to 0.007 pound A.I. permethrin/A.I. piperonyl butoxide per acre.

**URBAN APPLICATIONS:** For control of resting or flying adult mosquitoes in harborage areas such as but not limited to utility tunnels, pipe chases, underground basements, underground passages, parking decks, crawl spaces or uninhabited buildings, apply AiPro Evolver 30-30 ULV diluted or undiluted using mechanical foggers, hand-held or truck-mounted ULV equipment, or thermal foggers suitable for this application. Apply AiPro Evolver 30-30 ULV at rates up to but not exceeding 0.0165 pound permethrin per acre.

**INSECT BARRIER APPLICATIONS:** AS AN INSECT BARRIER - USE A "BACK-PACK" FOG-TYPE MIST BLOWER. For use in non-thermal ULV, motorized, portable, backpack, fog type mist blower equipment apply AiPro Evolver 30-30 ULV with equipment adjusted to deliver ULV particles of 50 to 100 volume median diameter. Use up to 0.1 pound permethrin A.I. per acre at a 300 ft. (91.44 m) swath width while walking at a speed of 2 MPH (3.2 KPH). Make sure that the same amount of permethrin A.I. - piperonyl butoxide A.I. is applied per acre.

When this product is applied as a barrier treatment, do not apply within 100 ft. (30 meters) of lakes and streams. For best results treat when insects are most active

and conditions are conducive to keeping the fog close to the ground.

#### DIRECTIONS FOR AERIAL APPLICATION

Apply AiPro Evolver 30-30 ULV either diluted or undiluted at rates up to 0.007 pound permethrin/PBO per acre by fixed wing or rotary aircraft equipped with a spraying system capable of making a ULV application.

For aerial applications of AiPro Evolver 30-30 ULV made at <200 ft. above ground elevation, use ULV equipment and nozzles such as rotary atomizers or similar spray equipment. Spray equipment must be adjusted so the volume median diameter produced is less than 60 microns (Dv 0.5 < 60 µm) and that 90% of the spray is contained in droplets smaller than 115 microns (Dv 0.9 < 115 µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

For aerial applications of AiPro Evolver 30-30 ULV made at >200 ft. above ground elevation, use ULV equipment and nozzles such as rotary atomizers or similar spray equipment. Spray equipment must be adjusted so the volume median diameter produced is less than 70 microns (Dv 0.5 < 70 µm) and that 90% of the spray is contained in droplets smaller than 145 microns (Dv 0.9 < 145 µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

Applications should be made at an altitude range of 100 to 300 ft. and a forward speed of 150 MPH, achieving an effective swath width of 500 ft. Flow rate should be set at 146 ounces per minute; equal to 0.36 ounce of AiPro Evolver 30-30 ULV per acre. Flow rate and swath width should be set so as to achieve 0.05 to 0.36 fluid ounces of AiPro Evolver 30-30 ULV per acre. AiPro Evolver 30-30 ULV may be applied undiluted at rates of 0.05 to 0.36 ounces per acre by fixed wing or rotary aircraft. AiPro Evolver 30-30 ULV may also be applied diluted with a suitable solvent such as mineral oil so long as 0.36 fluid ounce per acre of AiPro Evolver 30-30 ULV is not exceeded.

**IN FLORIDA:** Do not apply by aircraft unless approved by the Florida Department of Agriculture and Consumer Services. Department of Agriculture and Consumer Services.

AiPro Evolver 30-30 ULV can be applied over specific growing crops and range grasses prior to harvest for the control of adult mosquitoes and biting flies within or

adjacent to these areas. Application can only be made where the following crops are present: Alfalfa, Almonds, Apples, Artichokes (globe), Asparagus, Avocados, Broccoli, Brussels sprouts, Cabbage, Cauliflower, Celery, Cherries, Corn (fodder, forage, grain [field & pop]), stover, sweet kernel + cob with husks removed), Eggplant, Filberts, Garlic, Kiwifruit, Horsesradish, Lettuce Vegetables (except Brassica), Lettuce (head), Mushrooms, Onions (dry bulb), Peaches, Pears, Peppers (bell), Pistachios, Potato, Range Grasses, Soybeans, Spinach, Tomatoes, Vegetables (cucurbit), Walnuts, Watercress

Do not spray on or allow this product to drift onto cropland (other than crops listed) or potable water supplies. In treatment of corrals, feedlots, animal confinements/houses, swine lots and zoos, cover any exposed drinking water, drinking fountains and animal feed before application.

| CONDITIONS AND RATES TO USE<br>ALLPRO EVOLVER 30-30 ULV UNDILUTED |         |  |        |        |        |  |
|---|---------|--|--------|--------|--------|--|
| POUNDS A.I.<br>PER/ACRE   |         | APPLICATION RATES<br>FL. OZ. PER MINUTE<br>AT M.P.H. |        |        |        | FL.OZ. ALLPRO<br>EVOLVER 30-30<br>ULV PER ACRE |
| PERMETHRIN  | PBO     | 5 MPH  | 10 MPH | 15 MPH | 20 MPH |  |
| 0.00700   | 0.00700 | 1.08   | 2.16   | 3.26   | 4.34   | 0.35   |
| 0.00350   | 0.00350 | 0.55   | 1.09   | 1.63   | 2.17   | 0.17   |
| 0.00175   | 0.00175 | -  | 0.54   | 0.81   | 1.08   | 0.08   |

| DILUTION RATES FOR ALLPRO EVOLVER 30-30 ULV<br>FOR A 1:2 DILUTION<br>MIX 1 PART ALLPRO EVOLVER 30-30 ULV WITH 2 PARTS SUITABLE<br>MINERAL OIL; APPLY AS FOLLOWS: |         |   |        |        |        |                                    |
|--|---------|---|--------|--------|--------|------------------------------------|
| POUNDS A.I.<br>PER/ACRE  |         | APPLICATION RATES<br>FL. OZ. PER MINUTE AT<br>VEHICLE SPEEDS M.P.H. |        |        |        | FL. OZ. FINISHED SPRAY<br>PER ACRE |
| PERMETHRIN   | PBO     | 5 MPH   | 10 MPH | 15 MPH | 20 MPH |                                    |
| 0.00700  | 0.00700 | 3.26  | 6.52   | 9.77   | 13.03  | 1.07                               |
| 0.00350  | 0.00350 | 1.63  | 3.26   | 4.89   | 6.51   | 0.53                               |
| 0.00175  | 0.00175 | 0.81  | 1.63   | 2.44   | 3.25   | 0.26                               |
| 0.00100  | 0.00100 | -   | 0.93   | 1.39   | 1.86   | 0.15                               |

| FOR A 1:4 DILUTION<br>MIX 1 PART ALLPRO EVOLVER 30-30 ULV WITH 4 PARTS SUITABLE<br>MINERAL OIL; APPLY AS FOLLOWS: |         |   |        |        |        |                                    |
|---|---------|---|--------|--------|--------|------------------------------------|
| POUNDS A.I.<br>PER/ACRE   |         | APPLICATION RATES<br>FL. OZ. PER MINUTE AT<br>VEHICLE SPEEDS M.P.H. |        |        |        | FL. OZ. FINISHED SPRAY<br>PER ACRE |
| PERMETHRIN  | PBO     | 5 MPH   | 10 MPH | 15 MPH | 20 MPH |                                    |
| 0.00700   | 0.00700 | 5.43  | 10.84  | 16.30  | 21.71  | 1.79                               |
| 0.00350   | 0.00350 | 2.71  | 5.43   | 8.14   | 10.85  | 0.90                               |
| 0.00175   | 0.00175 | 1.36  | 2.71   | 4.07   | 5.43   | 0.45                               |
| 0.00100   | 0.00100 | 0.77  | 1.55   | 2.32   | 3.10   | 0.26                               |

| FOR A 1:8 DILUTION<br>MIX 1 PART ALLPRO EVOLVER 30-30 ULV WITH 8 PARTS SUITABLE<br>MINERAL OIL; APPLY AS FOLLOWS: |         |   |        |        |        |                                    |
|---|---------|---|--------|--------|--------|------------------------------------|
| POUNDS A.I.<br>PER/ACRE   |         | APPLICATION RATES<br>FL. OZ. PER MINUTE AT<br>VEHICLE SPEEDS M.P.H. |        |        |        | FL. OZ. FINISHED SPRAY<br>PER ACRE |
| PERMETHRIN  | PBO     | 5 MPH   | 10 MPH | 15 MPH | 20 MPH |                                    |
| 0.00700   | 0.00700 | 9.77  | 19.50  | -      | -      | 3.22                               |
| 0.00350   | 0.00350 | 4.89  | 9.77   | 14.65  | 19.53  | 1.61                               |
| 0.00175   | 0.00175 | 2.44  | 4.89   | 7.31   | 9.77   | 0.80                               |
| 0.00100   | 0.00100 | 1.39  | 2.78   | 4.17   | 5.66   | 0.45                               |

| FOR A 1:16 DILUTION<br>MIX 1 PART ALLPRO EVOLVER 30-30 ULV WITH 16 PARTS SUITABLE<br>MINERAL OIL; APPLY AS FOLLOWS: |         |   |        |        |        |                                    |
|---|---------|---|--------|--------|--------|------------------------------------|
| POUNDS A.I.<br>PER/ACRE   |         | APPLICATION RATES<br>FL. OZ. PER MINUTE AT<br>VEHICLE SPEEDS M.P.H. |        |        |        | FL. OZ. FINISHED SPRAY<br>PER ACRE |
| PERMETHRIN  | PBO     | 5 MPH   | 10 MPH | 15 MPH | 20 MPH |                                    |
| 0.00700   | 0.00700 | 16.28   | -      | -      | -      | 5.37                               |
| 0.00350   | 0.00350 | 8.14  | 16.27  | -      | -      | 2.68                               |
| 0.00175   | 0.00175 | 4.07  | 8.13   | 12.19  | 16.25  | 1.34                               |
| 0.00100   | 0.00100 | 2.33  | 4.64   | 6.95   | 9.27   | 0.76                               |

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.  
**PESTICIDE STORAGE AND SPILL PROCEDURES:** Store upright at room temperatures. Do not expose to extreme temperatures. In case of spill or leakage, ventilate the area, wear chemical resistant gloves, and footwear. Retrieve and filter the liquid in some manner and use as directed on this label, or "soak-up" the liquid with absorbent material such as sawdust, soil, fuller's earth or, etc. Dispose of the resulting chemical waste as follows.  
**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

#### CONTAINER HANDLING:

**NONREFILLABLE CONTAINER:** Do not reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.  
**TRIPLE RINSE AS FOLLOWS - CONTAINERS 5 GALLONS OR LESS IN CAPACITY:** Do not reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container 1/4 full with mineral oil and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.  
**CONTAINERS GREATER THAN 5 GALLONS IN CAPACITY:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with mineral oil. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it 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 this procedure two more times.  
**PRESSURE RINSE AS FOLLOWS:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

*NOTE:* To the extent consistent with applicable law, buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

EPA Reg. No. 769-983  
 EPA Est. No. 44616-MO-1  
 RM# 26391-714

Manufactured by  
 Valus Garden Supply  
 P.O. Box 585, St. Joseph, MO 64502  
 (248) 773-7460

MSDS sheet from pesticide box when opened.

**SECTION 1 - IDENTIFICATION****Product:** LIGHT ULV KARRIER (TM 05-033)**Recommended use of the chemical and restrictions on use:****Uses:** Premium oil for dilution mosquito control concentrates.**List of advices against:** Not available.*MSDS  
of oil that is  
Mixed w/pesticide***Details of the supplier of the Safety Data Sheet:**

Momar, Inc.  
 1830 Ellsworth Industrial Dr.  
 Atlanta, Ga. 30318  
 404-355-4580  
 800-556-3967  
 www.momar.com

**Emergency Telephone Number (INFOTRAC):** North America: 1-800-535-5053  
 International: 1-352-323-3500

**SECTION 2 – HAZARD IDENTIFICATION**

**Classification:** Flammable Liquid: 3  
 Skin Corrosion/Irritation: 2  
 Eye Damage/Irritation: 2B  
 Specific Target Organ Toxicity: 3

**Signal Word:** Warning.

**Hazard Statements:** Flammable liquid and vapor.  
 Causes skin irritation.  
 Causes eye irritation.  
 May cause drowsiness or dizziness.

**Pictograms:****Precautionary Statements:**

**Prevention:** Keep away from heat/sparks/open flames/hot surfaces -- No smoking.  
 Keep container tightly closed.  
 Ground/Bond container and receiving equipment.  
 Use explosion-proof electrical/ventilating/lighting/equipment.  
 Use only non-sparking tools.  
 Take precautionary measures against static discharge.  
 Wash hands and all exposed skin thoroughly after handling.  
 Wear protective gloves/eye protection/face protection.  
 Avoid breathing dust/fume/gas/mist/ vapors/spray.  
 Use only outdoors or in a well-ventilated area.

- Response:** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
In case of fire: Use dry chemical, alcohol foam, carbon dioxide to extinguish.  
If on skin: Wash with plenty of water/soap.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation occurs: Get medical advice/attention.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
Call a poison center/doctor/hospital if you feel unwell.
- Storage:** Store locked up.  
Store in a well-ventilated place. Keep cool.  
Keep container tightly closed.
- Disposal:** Dispose of contents/container to approved waste disposal plant in accordance with federal, state, and local regulations.
- Other Hazards:** None known.

### **SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

| Chemical Name   | CAS Number | Percent Weight |
|-----------------|------------|----------------|
| Mineral spirits | 8052-41-3  | 80 - 100       |

### **SECTION 4 – FIRST AID MEASURES**

- Eye Contact:** Immediately flush eyes with plenty of water for at least 15-20 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get medical attention if irritation persists.
- Skin Contact:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Wash clothing and shoes before reuse. Get medical attention if irritation persists.
- Inhalation:** Remove from exposure. If not breathing, give artificial respiration. If breathing is difficult, get medical attention.
- Ingestion:** Aspiration hazard. Get medical attention immediately. Do not induce vomiting. If victim is conscious and alert, give large amounts of water. Discontinue water if victim feels like they may vomit. Never give anything by mouth to an unconscious person. Keep head low in case of vomiting to keep material from entering lungs.
- Most Important Symptoms and Effects:**
- Acute:** Possible eye and skin irritation.
- Delayed:** Prolonged or excessive contact with skin could cause dermatitis.
- Indication of Any Immediate Medical Attention and Special Treatment Needed:** None known.

## SECTION 5 – FIREFIGHTING MEASURES

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol foam.

**Specific Hazards Arising From the Substance or Product:** Direct water stream may scatter and spread flames. Use water spray to cool fire exposed containers.

**Hazardous Combustion Products:** Oxides of carbon, smoke, and fumes.

**Protective Equipment and Precautions for Firefighters:** Wear a self-contained breathing apparatus in pressure- demand mode, and full protective gear.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Avoid contact with skin and eyes. Wear protective clothing, see Section 8.

**Environmental Precautions:** Keep out of sewers, drains, and bodies of water. Spills should be diked and absorbed.

**Methods and Materials for Containment and Cleaning Up:** Absorb in vermiculite, dry sand, or earth, and place in containers. Collect and reclaim or dispose of in sealed containers in a licensed waste facility. Liquid material may be removed with a vacuum truck. Containers with spillage must be properly labeled with correct contents and hazard symbol.

## SECTION 7 – HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid spilling, skin, and eye contact. Wash thoroughly after handling. Use only with adequate ventilation. Use away from ignition sources. For industrial or professional use only. Do not cut or weld empty container. KEEP OUT OF REACH OF CHILDREN.

**Conditions for Safe Storage:** Store in a cool dry place. Keep out of sunlight and away from ignition sources.

**Incompatibilities:** Strong acids, oxidizing agents.

## SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

### Exposure Limits and Recommendations:

| Chemical Name   | OSHA PEL | ACGIH TLV | Other Exposure Limits |
|-----------------|----------|-----------|-----------------------|
| Mineral Spirits | 500 ppm  | 100 ppm   |                       |

**Engineering Controls:** Normal ventilation.

### Personal Protection Measures:

**Respiratory Protection:** Normally not needed. If needed, use NIOSH approved mask and filter for organic vapor.

**Skin and Body:** Chemical resistant gloves recommended. Chemical resistant apron, as needed.

**Eye Protection:** Safety glasses/goggles recommended.

**Other Recommendations:** None.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

|   |   |                    |
|---|---|--------------------|
| <b>Appearance and Odor:</b>                     | Clear colorless liquid with kerosene like odor. |                    |
| <b>Odor Threshold:</b>                          | Not determined.                                 |                    |
| <b>pH:</b>                                      | Not applicable.                                 |                    |
| <b>Freezing Point:</b>                          | Not applicable.                                 |                    |
| <b>Boiling Point:</b>                           | 313-396°F                                       |                    |
| <b>Flash Point:</b>                             | 100°F   |                    |
| <b>Evaporation Rate (BUAC=1):</b>               | 0.08  |                    |
| <b>Flammability:</b>                            | Flammable.                                      |                    |
| <b>Flammability or Explosion Limits:</b>        | <b>Upper:</b> 6.0%                              | <b>Lower:</b> 0.8% |
| <b>Vapor Pressure:</b>                          | 5 mmHg at 77°F                                  |                    |
| <b>Specific Gravity:</b>                        | 0.790   |                    |
| <b>Solubility in Water:</b>                     | Insoluble                                       |                    |
| <b>Solubility in Other Solvents:</b>            | Not determined.                                 |                    |
| <b>Partition Coefficient (n-octanol/water):</b> | Not determined.                                 |                    |
| <b>Auto-ignition Temperature:</b>               | 450-500°F                                       |                    |
| <b>Decomposition Temperature:</b>               | Not determined.                                 |                    |
| <b>Viscosity:</b>                               | Not determined.                                 |                    |
| <b>Other Information:</b>                       | Not determined.                                 |                    |

**SECTION 10 – STABILITY AND REACTIVITY**

|  |   |
|--|---|
| <b>Reactivity:</b>                       | No dangerous reaction known under conditions of normal use.     |
| <b>Chemical Stability:</b>               | Stable under normal temperature conditions and recommended use. |
| <b>Possible Hazardous Reactions:</b>     | Not available.  |
| <b>Conditions to Avoid:</b>              | Heat, flames, sparks. Contact with incompatible materials.      |
| <b>Incompatible Materials:</b>           | Strong acids, oxidizing agents.                                 |
| <b>Hazardous Decomposition Products:</b> | Oxides of carbon, smoke, fumes.                                 |

**SECTION 11 – TOXICOLOGICAL INFORMATION****Routes of Exposure:**

| Inhalation | Ingestion | Skin | Eye |
|------------|-----------|------|-----|
|            |           | X    | X   |

**Physical, Chemical and Toxicological Effects:**

**Symptoms:** Irritation to skin and eyes.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:**

**Sensitization:** Not a skin sensitizer.

**Germ Cell Mutagenicity:** Not classified.

**Carcinogenicity:** No components of this product are listed by NTP, IARC, or OSHA.

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity:** Central nervous system (single exposure).

**Numerical Measures of Toxicity:**

**Product:** Not determined.

**Component:**

| Chemical Name   | Oral LD50      | Dermal LD50    | Inhalation LC50 |
|-----------------|----------------|----------------|-----------------|
| Mineral spirits | Not determined | Not determined | Not determined  |

**SECTION 12 – ECOLOGICAL INFORMATION****Ecotoxicity:**

This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence and Degradability:**

Not expected to persist in the environment.

**Bioaccumulation:**

Not expect to be a bioaccumulator. Readily biodegradable.

**Mobility:**

Expected to volatilize.

**Other Adverse Effects:**

When spilled on water, this product may act like an oil, causing a film, sheen, emulsion or sludge at or beneath the surface of a body of water.

**SECTION 13 – DISPOSAL CONSIDERATIONS****Waste Treatment Methods:****Disposal of Wastes:**

Dispose of product in accordance with local, state, and federal regulations.

**Contaminated Packaging:**

Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Other Information:**

None.

**SECTION 14 – TRANSPORTATION INFORMATION****DOT:****UN Number:**

**Proper Shipping Name:** Compounds, Cleaning Liquid

**Hazard Class:****Packing Group:**

USDOT exception 49CFR173.150(f) applies

**SECTION 15 – REGULATORY INFORMATION****US Federal Regulations:**

- TSCA:** All ingredients of this product are listed in the TSCA inventory.
- SARA 313:** This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and Title 40 CFR 372.

| Chemical Name | CAS Number | Percent Weight |
|---------------|------------|----------------|
| None          |            |                |

**US State Regulations:**

- California:** This product contains the following chemical or chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm: None.

**SECTION 16 – OTHER INFORMATION**

**Issue Date:** May 12, 2005  
**Revision Date:** September 4, 2014

| Health | Flammability | Reactivity | Personal Protection |
|--------|--------------|------------|---------------------|
| 3      | 2            | 0          | B                   |

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