



- Broad spectrum essential oil based insecticide
- Kills and repels listed flying and crawling insects
- Low/pleasant fragrance
- Indoor & outdoor use
- Safe when used as directed

SPECIMEN LABEL

ACTIVE INGREDIENTS:

Sodium Lauryl Sulfate	11.0%
Geraniol	10.0%
Clove Oil	3.0%
Cornmint Oil	1.5%

INERT INGREDIENTS*: 74.5%

- Water
- White Mineral Oil
- Glyceryl Monooleate
- Sodium Alginate

TOTAL: 100%

PRECAUTIONARY STATEMENTS – CAUTION – Causes eye irritation. Causes skin irritation.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Persons handling concentrate are recommended to wear:

- Protective eyewear
- Chemical resistant gloves made of neoprene, nitrile, or natural rubber

In California, persons handling concentrate are required to wear:

- Protective eyewear
- Chemical resistant gloves made of neoprene, nitrile, or natural rubber

USER SAFETY RECOMMENDATIONS: User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Remove PPE after handling this product. Wash the outside of the gloves before removing.

KEEP ALL INSECTICIDES OUT OF REACH OF CHILDREN

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present and easy to do so, after the first 5 minutes, then continue rinsing eyes.
- Immediately call a physician / poison control center.

IF ON SKIN:

- Take off contaminated clothing.
- Wash exposed area immediately with soap and water, rinse for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

See **FIRST AID** and **PRECAUTIONARY STATEMENTS**.

SHAKE WELL BEFORE USING

IF INHALED:

- Move exposed person(s) to fresh air.
- If breathing problems persist, get medical attention.

IF SWALLOWED:

- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so 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.

NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

Seek medical attention if necessary.

FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE CALL:

CHEMTREC 1-800-424-9300

FOR MEDICAL EMERGENCIES ONLY CALL: 1-800-248-7763

DIRECTIONS FOR USE

READ ENTIRE LABEL — USE IN ACCORDANCE WITH LABEL INSTRUCTIONS
SHAKE WELL BEFORE USING

Maintain agitation in all spray systems. Essentria® IC Pro is intended for use in and around buildings and structures as well as modes of transport.

INDOOR USE AREAS:

Includes, but is not limited to, apartment buildings, agricultural buildings and other manmade structures, bakeries, barns, beverage plants, bottling facilities, breweries, cafeterias, candy plants, canneries, cereal processing and manufacturing plants, child care facilities, daycare, food trucks, frozen food plants, furniture and bedding (see Note for sensitive indoor/outdoor surfaces), garages, greenhouses, grower facilities, homes, hospitals, health care, hotels,

houses, indoor plantscapes, industrial buildings, jail cells, kennels, kitchens, laboratories, lavatories, manufacturing facilities, mausoleums, meat processing and packaging plants, meat and vegetable canneries, military barracks, motels, multifamily homes, museums, nursing homes, outbuildings, prison facilities, research facilities, storage closets, storage sheds, office buildings, rest rooms, retail stores, schools, stores, supermarkets, warehouses, and similar structures.

OUTDOOR AREAS:

Includes, but is not limited to, barns, boat houses, boat docks, building foundations, dairy facilities, drains and sewers, drive-in restaurants, drive-in theaters, feed lots, fence lines, golf courses, greenhouses, hog barns, kennels, landscape areas, lawns, lathe houses, livestock facilities, loading docks, marinas, mink farms, mushroom houses, outdoor food service, parks, playgrounds, poultry houses, recreational areas, schools, stables, trees, turf, urban areas, and zoos. Not for aquatic use, do not apply directly to water

MODES OF TRANSPORT:

Boats, buses, trucks, trailers, rail cars, marine vessels, and cargo vessels.

NOTE: For sensitive indoor/outdoor surfaces such as vinyl, plastic, fabric, wood floors, etc., test a small non-visible area first before spraying. This includes vinyl siding, outdoor furniture, storm doors, windows, etc. It is possible that Essentria® IC Pro may mar some sensitive surfaces. Cover or avoid sensitive surfaces. If spray gets on any sensitive surfaces, rinse with water and wipe off with clean cloth.

Dilute Essentria® IC Pro with water and apply with conventional application equipment including, but not limited to, compressed air sprayers and power sprayers. When diluting with water, prepare only the amount needed for immediate use and maintain agitation during use. Do Not Store Spray Solution Overnight. Make tank-mix applications in accordance with the more restrictive of label limitations and precautions. Do not exceed label dosages. Do not tank-mix this product with any product with label prohibitions against such mixing.

Best results are achieved when used as part of a treatment protocol that includes physical, environmental, and other chemical pest control measures..

INDOOR USE

Do not apply directly to house plants. Avoid or cover any pools or aquaria prior to spraying.

PESTS INCLUDE:

American cockroach nymphs, ants (including fire ants, big headed ants, carpenter ants), aphids, armyworms, beetles, billbugs, blue/green bottle flies, box elder bugs, carpet beetles, cigarette beetles, clothes moths, cluster flies, crickets, cutworms, darkling beetles, dermestids, drain flies, dung flies, drugstore beetles, earwigs, flour beetles, face flies, firebrats, fruit flies, German cockroaches, grasshoppers, gnats, hemp aphids, house flies, Indian meal moths, Japanese beetles, kudzu bugs, lace bugs, mealybugs, midges, millipedes, mites, mosquitoes, multi-color Asian lady beetles, mole crickets, pill bugs, phorid flies, scale insects, sod webworms, sciarid flies, silverfish, sowbugs, spiders (including brown recluse [on non-porous surfaces] and cellar spiders), spider mites, springtails, stable flies, stink bugs, tent caterpillars, thrips, white flies, western conifer seed bugs, other true bugs (including brown marmorated stink bugs, boxelder bugs, *Jadera* bugs).

PEST CONTROL:

To control accessible, exposed stages of crawling insects including, ants (including fire ants, big headed ants, carpenter ants), cockroaches, including German cockroaches and aids in the control of American cockroach nymphs, spiders (including brown recluse [on non-porous surfaces] and cellar spiders), earwigs and true bugs (including brown marmorated stink bugs, boxelder bugs, *Jadera* bugs) in sites that include, but are not limited to, apartments, homes, industrial installations and warehouses, dilute at the rate of up to 1 to 8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate for maintenance service and higher rates for active infestations). Thoroughly spray non-visible areas where these insects are usually found with special attention to cracks and crevices, niches, dark corners, drains and other harborage sites. Repeat as necessary. To prevent potential discoloring, test on nonvisible areas (i.e.,

baseboards, door frames, walls, etc.) and wipe away excess.

COCKROACH HARBORAGE REPELLENCY:

For use as a harborage repellent against German cockroaches, mix 4-8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate for maintenance service and higher rates for active infestations). Apply final dilution at 2 gallons per 1,000 square feet paying special attention to cracks and crevices, niches, dark corners, drains and other harborage sites. Repeat every 14-21 days. To prevent potential discoloring, test on non-visible areas (i.e., baseboards, door frames, walls, etc.) and wipe away excess.

FOGGING:

To control crawling and flying insects (including house flies, mosquitoes, gnats, fruit flies, phorid flies) in sites that include, industrial installations, zoos, and warehouses), Essentria® IC Pro may be applied as a space spray through conventional fogging equipment misting systems (including mist sprayers and mist blowers), automated spray systems, and/ or related application technologies. Cover or remove exposed food and cover food handling surfaces. Also cover sensitive surfaces (plastics, etc.). Close and shut off air conditioning or ventilating equipment. Mix 1 to 8 fluid ounces of Essentria® IC Pro with sufficient water to equal 1 gallon of diluted spray. Apply at a rate of 1 to 8 fluid ounces per 1,000 cubic feet, filling the room with mist (or fog if thermal equipment is used). Keep area closed for at least 15 minutes. Vacate treated area. Ventilate before occupying. Fogging may create slippery conditions on painted floor surfaces. Retreat if reinfestation occurs.

The product does contain plant oils that are inherently fragrant. When used in confined spaces, prolonged exposure to the fragrance may be objectionable to some individuals.

OUTDOOR USE

PERIMETER TREATMENTS AND RECREATIONAL AREAS:

To control ants (including fire ants, big headed ants, carpenter ants), cockroaches, including German cockroaches and aid in the control of American cockroach nymphs, crickets, pill bugs, silverfish, sowbugs, and spiders (including brown recluse [on non-porous surfaces] and cellar spiders), true bugs (including brown marmorated stink bugs, boxelder bugs, *Jadera* bugs) in compressed air sprayers, dilute 1 to 8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate for maintenance service and higher rates for active infestations) and apply at the rate of 2 gallons per 1,000 square feet or until area is thoroughly wet. Also apply to a band of soil and vegetation 6 to 10 feet wide around and adjacent to buildings. Treat the building foundation to a height of 2 to 3 feet with sufficient water for coverage. Make special efforts to spray areas where pest species congregate, including, but not limited to, waste receptacles, dumpsters, unoccupied picnic tables, the exterior of food handling establishments, and food pavilions. Additionally, apply around potential entry areas including, but not limited to, eaves, windows, doorways, porches, porch lights, and around utility boxes. For power sprayers, mix 1 to 8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate for maintenance service and higher rates for active infestations) and apply until area is sufficiently covered (usually min. 2 gallons per 1,000 square feet). Use care and do not spray on sensitive plants. If not sure, test spray a few leaves 2 days before spraying entire plant. Exceeding rates may create potential phytotoxicity on turf surfaces. Maintain agitation. Repeat as necessary.

MOSQUITO AND FLY SPATIAL REPELLENCY

For use as a repellent against mosquitoes and flies as a spatial repellent, mix 4-8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate for maintenance service and higher rates for active infestations). Apply final dilution at 2 gallons per 1,000 square feet paying special attention to cracks and crevices, niches, dark corners, drains and other harborage sites. Repeat every 4 days for maximum efficacy. To prevent potential discoloring, test on non-visible areas (i.e., baseboards, door frames, walls, etc.) and wipe away excess.

MOSQUITO CONTROL AND OTHER FLYING INSECTS - OUTDOOR YARD OR BARRIER TREATMENT:

To control mosquitoes and flies using ground application, dilute 1 to 8 fluid

ounces of Essentria® IC Pro per gallon of water. Treat harborage areas such as shrubbery and vegetation where mosquitoes/flyes may rest. Shrubby, vegetation and a 2–3-foot band of turf around stagnant pools, marshy areas, ponds, and shorelines may be treated. Use care and do not spray on sensitive plants. If not sure, test spray a few leaves 2 days before spraying entire plant. Exceeding rates may create potential phytotoxicity on turf and vegetation surfaces. Repeat every four days for maximum efficacy.

MOSQUITO CONTROL AND OTHER FLYING INSECTS—AUTOMATIC SPRAYING SYSTEMS:

Do not program automatic spraying systems to release pesticides where food or feed is directly exposed. To control flies, including house flies, lesser house flies, mosquitoes, and gnats, add concentrate to tank and add water to obtain desired dilution. Agitate well while adding water and maintain thorough agitation while system is in use. In automatic spraying systems like, but not limited to, misting systems used for mosquito and other flying insect control, solutions of Essentria® IC Pro may be stored for extended periods of time, not to exceed one month, as long as the system has agitation, and the appropriate quantity of adjuvant is used. Dispense diluted concentrate through automatic spraying system. Set nozzles to deliver one fluid ounce liquid per minute. Locate nozzles to cover a maximum of 2,000 cubic feet of space per nozzle. Set timer to operate in accordance with equipment directions. Dilute Essentria® IC Pro just prior to use at 1 to 8 fluid ounces per gallon of water (use lower dilution rates for preventative applications).

TO CONTROL SPIDERS, FLYING INSECTS, AND OTHER LISTED NUISANCE PESTS ON AND AROUND BOAT DOCKS:

To control or reduce pests; dilute 1 to 8 fluid ounces of Essentria® IC4 per gallon of water and apply at the rate of 2 gallons per 1,000 square feet or until area is thoroughly wet. Since flying insects can migrate in and out of the treatment area, it is recommended to use this product as part of an Integrated Pest Management (IPM) program.

FOR USE ON CANNABIS, HEMP OR UNSPECIFIED FOOD CROPS: Approved in Florida for use on low-THC cannabis or medical marijuana

To control hemp aphid and spider mites, mix 1 to 8 fluid ounces of Essentria® IC Pro per gallon of water and apply at the rate of 2 gallons per 1,000 square feet or until area is thoroughly wet. Since flying insects can migrate in and out of the treatment area, it is recommended to use this product as part of an Integrated Pest Management (IPM) program.

PREMISE USE DIRECTIONS FOR LIVESTOCK FACILITIES (When animals are not present)

To control ants (including fire ants, big headed ants, carpenter ants), cockroaches, including German cockroaches and aid in the control of American cockroach nymphs, earwigs, mosquitoes, and spiders (including brown recluse [on non-porous surfaces] and cellar spiders) mix 1 to 8 fluid ounces of Essentria® IC Pro per gallon of water (use lower rate for maintenance service and higher rates for active infestations) and apply at a rate of 2 gallons per 1,000 square feet. Thoroughly cover walls, ceilings, or other areas where pests rest or congregate in dairy barns, horse barns, poultry houses, swine buildings, livestock sheds, and other farm buildings. Maintain agitation. Repeat as necessary.

Summary of Listed Uses and Rates					
	Section	Listed Pests	Fluid Ounces product per gallon of water	Dilution application	Comments
Indoor	General	Crawling insects and spiders	1 - 8	2 gal / 1,000 ft ²	8 oz / gallon for fire ants
Indoor	Harborage repellency	Cockroaches	4 - 8	2 gal / 1,000 ft ²	Reapply 14-21 days
Indoor	Fogging / Misting ULV and Thermal	Crawling and flying insects and spiders	1 - 8	1 - 3 fl oz / 1,000 ft ³	Reapply as necessary
	Mosquito repellency	Mosquitoes	4 - 8	2 gal / 1,000 ft ²	Reapply every 4 days
Outdoor	Perimeter	Crawling insects	1 - 8	2 gal / 1,000 ft ²	Band 6" – 10" wide around adjacent buildings
Outdoor	Automatic Spraying / Misting Systems	Mosquitoes and other flying insects	1 - 8	1 fl oz / min	
Outdoor	Boat docks	Spiders, crawling and flying insects	1 - 8	2 gal / 1,000 ft ²	
	Cannabis, hemp, or unspecified food crops	Aphids and spider mites	1 - 8	2 gal / 1,000 ft ²	Test plants first
	Livestock facilities	Crawling and flying insects, spiders	1 - 8	2 gal / 1,000 ft ²	
Low rate is for maintenance (1 – 4 fl oz). Higher rates (6 fl oz – 8 fl oz) are for active infestations.					

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. **STORAGE:** Store in original container in a dry cool place inaccessible to children and pets. **DISPOSAL:** Do not reuse container. Recycle or discard in trash.

Limitation of Liability

To the fullest extent permitted by law, the manufacturer disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product. Buyer assumes all responsibility for safety and use not in accordance with label, directions, and precautionary statements.

This product qualified for exemption from EPA registration under Federal Insecticide Fungicide and Rodenticide Act (FIFRA).

For information, call 1-800-248-7763 or visit our Web site: www.zoecon.com

Wellmark International, 1501 East Woodfield Road, 200W, Schaumburg, Illinois 60173

NOTE: This specimen label is for informational purposes only. All uses may not be approved in all states. See product labeling for use directions.

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PCO 22-007



July, 2022
Schaumburg, IL

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Name : Essentria IC Pro
 Synonyms : 100546635, 100546636, 100546637, 100546881, RF2364 25(b) Pro

1.2. Recommended use and restrictions on use

Recommended use : Insecticide.
 Restrictions on use : Keep out of reach of children. Avoid contact with eyes, skin or clothing.

1.3. Supplier

Wellmark International
 1501 E. Woodfield Road, Suite 200W
 Schaumburg, IL 60173 - United States
 www.zoecon.com

1.4. Emergency telephone number

Emergency number : 1-800-248-7763
 1-800-424-9300 - CHEMTREC
 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation Category 2 Causes skin irritation
 Serious eye damage/eye irritation Category 2A Causes serious eye irritation

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



GHS07

Signal word (GHS US) : Warning
 Hazard statements (GHS US) : Causes skin irritation
 Causes serious eye irritation
 Precautionary statements (GHS US) : Wash hands, forearms and face thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF ON SKIN: Wash with plenty of water.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%
Geraniol	(CAS-No.) 106-24-1	10
Sodium lauryl sulfate	(CAS-No.) 68585-47-7	11
Oils, clove	(CAS-No.) 8000-34-8	3
Cornmint Oil	(CAS-No.) 68917-18-0	1.5
Mineral oil, white	(CAS-No.) 8042-47-5	10
Non-hazardous and/or does not meet criteria for classification	(CAS-No.) N/A	Balance

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : 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 and attention.
- First-aid measures after ingestion : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after skin contact : Causes skin irritation.
- Symptoms/effects after eye contact : Causes serious eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Use water fog, alcohol resistant foam, carbon dioxide, or dry chemical.
- Unsuitable extinguishing media : Avoid heavy hose streams.

5.2. Specific hazards arising from the chemical

- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Do not allow fire fighting water to escape into waterways or sewers. Evacuate area. Stay upwind. Ventilate closed spaces before entering. Do not breathe gas/fumes/vapor/spray.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid breathing vapors or fumes. Avoid contact with skin, eyes and clothing. Do not touch or walk on the spilled product.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: Exposure controls/personal protection.
- Emergency procedures : Stop release. Ventilate area. Stay upwind. Wear appropriate personal protective equipment, avoid direct contact.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal. Wear appropriate personal protective equipment, avoid direct contact.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container tightly closed. Keep only in original container. Store in a well-ventilated place. Keep cool. Avoid direct sunlight. Do not store near strong acids, oxidizing agents, hazardous or toxic substances. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Incompatible materials : Strong oxidizers. Strong acids.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Mineral oil, white (8042-47-5)		
ACGIH	ACGIH OEL TWA	5 mg/m ³
ACGIH	ACGIH OEL STEL	10 mg/m ³
OSHA	OSHA PEL TWA [1]	5 mg/m ³

8.2. Appropriate engineering controls

- Appropriate engineering controls : Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear chemical resistant gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear long-sleeved shirt, long pants, socks and shoes

Respiratory protection:

Not required for normal conditions of use. In case of insufficient ventilation, use NIOSH approved respiratory protection.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Milky white liquid
- Color : Milky white
- Odor : Strong, pleasant, herbal, and menthol-like
- Odor threshold : No data available
- pH : 5.41 @ 25 °C (77 °F)
- Melting point : Not applicable

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Freezing point	: No data available
Boiling point	: No data available
Flash point	: Does not flash @ 107 °C (224.6 °F)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.9702 g/mL @ 20 °C (68 °F)
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 21.8 cP @ 40 °C, 45.4 cP @ 20 °C - Newtonian Fluid
Explosion limits	: No data available
Explosive properties	: Not explosive
Oxidizing properties	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.

10.4. Conditions to avoid

Avoid direct sunlight. Heat, sparks, open flame. Excess heat.

10.5. Incompatible materials

Strong acids. Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Essentria IC Pro	
LD50 oral rat	> 5000 mg/kg
LC50 Inhalation - Rat	> 2.1 mg/l

GHS-US Properties	Classification
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified

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Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified

Potential health effects

Inhalation

Acute : May cause respiratory tract irritation.

Skin

Acute : Causes skin irritation.

Eye

Acute : Causes serious eye irritation.

Ingestion

Acute : Under normal conditions of use, no health effects are expected.

Mutagenicity : Not classified.

Carcinogenicity : Not classified.

Reproductive Effects : Not classified.

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport information

	UN number	Proper Shipping Name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable
IMDG	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable
IATA	Not regulated	Not regulated	Not regulated	Not regulated	Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Geraniol (106-24-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Sodium lauryl sulfate (68585-47-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Oils, clove (8000-34-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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Mineral oil, white (8042-47-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA Labelling	
EPA Registration Number	25(b)
FIFRA Hazard statements	Caution
FIFRA Precautionary statements	KEEP OUT OF REACH OF CHILDREN.
FIFRA Hazards to Humans and Domestic Animals	Causes eye irritation. Causes skin irritation.
FIFRA First aid	IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present and easy to do so, after the first 5 minutes, then continue rinsing eyes. Immediately call a physician / poison control center. IF ON SKIN: Take off contaminated clothing. Wash exposed area immediately with soap and water, rinse for 15-20 minutes. Call a poison control center or doctor for treatment advice. IF INHALED: Move exposed person(s) to fresh air. If breathing problems persist, get medical attention. IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so 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.

15.2. US State regulations

No additional information available

SECTION 16: Other information

Issue date : 08 July 2022

SDS US (GHS HazCom 2012) - CGP

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.