

NATURSAFE

(PLANT BASED NATURAL BUG SPRAY)

INTRODUCTION:

NaturSafe is a gentle and safer plant based insect repellent spray specifically designed to protect against a variety of pests, including mosquitoes, ticks, gnats, biting flies, chiggers, and fleas. NaturSafe is highly effective Picaridin based formula providing 12 hours long lasting protection against mosquitoes, ticks and 8 hours of protection against gnats, biting flies, chiggers, and fleas. NaturSafe is safe for human skin and pets.

COMPOSITION:

Component	Content (% w/w)
Picaridin	: 20.00
Adjuvants and carrier	: 80.00

BIOLOGICAL PROPERTIES:

Mode of action:

1. Olfactory Disruption:

- **Interference with Host Odor Detection:** NaturSafe works primarily by interfering with the olfactory receptors of insects. These receptors are responsible for detecting host odors such as carbon dioxide and body heat emitted by humans and animals.
- **Disruption of Sensory Neurons:** When insects encounter NaturSafe, their ability to process these signals is disrupted. This interference confuses the insects and reduces their ability to locate and recognize their potential hosts.

2. Behavioral Repellency:

- **Deterrent Effect:** NaturSafe creates an unfavorable environment for insects. Its presence on the skin or clothing acts as a strong deterrent, preventing insects from landing or biting.
- **Broad-Spectrum Effectiveness:** NaturSafe's repellency works against a wide range of biting insects, including mosquitoes, ticks, gnats, biting flies, chiggers, and fleas, making it a versatile choice for insect repellent.

3. Non-Aversive to Humans:

- **Low Irritation Potential:** Unlike some other repellents, NaturSafe is less likely to cause irritation to the skin and has a pleasant or neutral smell, making it more acceptable for regular use.
- **Non-Greasy Formulation:** Picaridin-based repellents typically have a non-greasy feel, which increases user compliance and comfort.

KEY FEATURES:

- **Long-Lasting Protection:** Up to 12 hours of protection against mosquitoes and ticks, and 8 hours of protection against gnats, biting flies, chiggers, and fleas.
- **Versatile Application:** Ideal for use during outdoor adventures, camping trips, hikes, picnics, and night sleeps.
- **Plant-Based Formula:** Combines the natural power of plant-based ingredients with the proven effectiveness of Picaridin for a safe and effective repellent.
- **Gentle on Skin:** Formulated to be gentle on the skin, making it suitable for use on the entire family.
- **Broad-Spectrum Repellency:** Effectively repels a wide range of biting insects, providing comprehensive protection in one convenient spray.

BENEFITS:

- **Long-Lasting Protection:** Provides enduring protection, allowing you to stay worry-free both indoors and outdoors.
- **Versatile Use:** Ideal for camping, hiking, picnics, and any outdoor activities, as well as for everyday use.
- **Peace of Mind:** Feel secure knowing you and your pets are protected by a trusted repellent.

HOW TO USE:

1. Shake well before use.
2. Apply evenly to all exposed skin and clothing.
3. For use on pets, lightly mist their fur while avoiding their eyes, nose, and mouth.
4. Reapply as needed, especially after swimming, sweating, or extended outdoor activity.

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