

INDUSTRY CARE

PROFESSIONAL OUTDOOR PRODUCTS

I.C. INSECT REPELLENT LOTION

PRODUCT DESCRIPTION

I.C. Insect Repellent is designed as the safer and more effective alternative to DEET and Picaridin. It employs a non-toxic mode of interference between people and biting insects by rendering the host invisible, instead of using a neurotoxin. Its all-natural active ingredient, IR3535, is an odorless and lightweight extract that's non-tacky and breaks down once it has completed its use. Leaving no need to wash off.

DIRECTIONS FOR USE:

Apply liberally to face and body and rub until absorbed.

USES:

- Use prior to work to prevent from being bit by insects

APPLICATIONS:

Outdoor Workers, Utilities, Power Gen, Telecommunications, Municipalities, Arborists, Construction, Military

WORKPLACE CERTIFICATIONS & SPECIFICATIONS

ASTM D120 – Arc Flash Rubber Glove Testing

ASTM D6413 – Vertical Flame FR Clothing

ASTM F2621 – Arc Flash FR Clothing

FEATURES & BENEFITS

Biopesticide	Registered as a “Non-toxic way of interference”
IR3535	IR3535 is effective against a wide variety of insects
Gear Safe	Lacks ingredients that cause long-term damage to gear
Non-Greasy	Dries instantly with no oil-tracking
Non-Tacky	No stickiness or binding
Lightweight	Designed to be invisible and traceless
Odorless	Non-fragranced and odorless formula
Stay-Put Formula	Product remains planted onto skin and will not run into eyes
Eco-Friendly	Non-harmful to animals or the environment
Biodegradable	Breaks down in water or surrounding terrain
Freshwater-Safe	Does not pollute large freshwater banks
Fish-Friendly	Active Ingredient is non-toxic to fish or algae and dissipates into surroundings
EPA-Approved	Certified ingredients are EPA-approved
Non-Toxic	Lacks toxic ingredients or additives
Non-GMO	Active ingredient is naturally sourced
Solvent-Free	Lacks harsh chemical solvents that cause long-term damage to PPE or equipment
Dissipating	Metabolizes away after use. No need to wash off
Moisturizing	Cream formula is gentle on skin
Prevent Bloodborne Diseases	Protection from mosquitoes that may carry transmit West Nile, Zika, and more
Apply to Face	Safe to apply anywhere on skin, including face
Hypoallergenic	Free of ingredients likely to cause an allergic reaction
W.H.O. Recommended	World Health Organization recognized active ingredient



ACTIVE INGREDIENT:

IR3535

10%

REGULATORY

This product is an insecticide product, manufactured and labeled in compliance with Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and issued by the Environmental Protection Agency (EPA). R&R Lotion is an FDA and EPA Registered and Audited Facility.

- FDA Establishment Identifier: 3004167955
- EPA Facility Number: 91651-AZ-001
- FDA Drug Code Prefix - 59555

SAFETY DATA SHEETS

For safety, environmental, handling, first aid and disposal information, please refer to the Safety Data Sheet which can be downloaded from SDS library on <https://rrlotion.com/msds/>

QUALITY ASSURANCE

Facility Standards - R&R Lotion facilities follow Current Good Manufacturing Practice (cGMP) and/or Cosmetic GMP requirements.

Material Standards - Incoming raw materials must undergo quality inspection and are efficacy tested prior to being used for manufacturing.

Equipment Standards - All equipment and tools utilized are cleaned and sanitized both before and after use once verified by QA using sterility testing equipment.

Formula Testing - Formulas developed by R&R Lotion undergo a series of tests and approvals to verify stability, product efficacy, and preservative effectiveness.

Finished Product Testing - Every batch produced by R&R Lotion must go through physical, chemical, and microbiological testing prior to being approved for distribution. This includes in-house lab testing of appearance, color, odor, density, pH, and viscosity, followed by third-party active ingredient efficacy and product sterility testing.

Product Traceability - The collection and annual review of all raw materials, finished goods, process controls, and formulas allows for consistent control and correction in good manufacturing and documentation procedures.

SIZES & PART NUMBERS

PART NUMBER	SIZE	CASE	UPC
ISBR-FOIL-100	Single use Foil-Box 100	1	66608089689
ISBR-FOIL-200	Single use Foil-Box 200	1	666080849696
ISBR-FOIL-300	Single use Foil-Box 300	1	666080851408
ISBR-PACKET-50	Single use Packet-Box 50	1	666080849917
ISBR-PACKET-100	Single use Packet-Box 100	1	666080849955
ISBR-PACKET-300	Single use Packet-Box 300	1	666080851569
IBR-2	2oz Bottle with Snap Cap	24	666080849634
IBR-4	4oz Bottle with Snap Cap	24	666080849641
IBR-8	8oz Bottle with Snap Cap	24	666080849658
IBR-32	32oz Bottle with Pump	12	666080849665
IBR-GAL	1 Gallon Bottle with Pump	4	666080849672

APPEARANCE

Product Type	Lotion
Color	White
Odor	Odorless
pH	4.0 - 7.0
Viscosity	2500-7500 cPs Spindle #4 @ 20 RPM

STORAGE TEMPERATURE & SHELF LIFE

This product has a shelf life of at least 24 months from the date of manufacture when stored unopened at room temperature. The product should not exceed 32°F - 150°F to remain stable and effective.

COMPATIBILITY TESTING

ASTM D120

Test Subject	Leakage at 20KV, ma	Pass/Fail	ASTM D-149 Breakdown voltage KV
Initial Glove	12.77	Pass	36.4 (FO)
3-day Repellent Exposure	13.09	Pass	35.3 (FO)
16-hour Distilled Test	14.05	Pass	32.7 (FO)
3-day Repellent Exposure followed by 16 hour distilled water soak	13.89	Pass	33.4 (FO)

ASTM D6413

Test	Length Direction	Width Direction
After Flame Time (Sec)	0.5	0.4
Afterglow Time (sec)	0.8	0.8
Char Length (mm)	13.8	15.6
Melting	none	none
Dripping	none	none

ASTM F2621

Fabric System Rating	Arc Rating Result
Dry	(ATPV) = 9.3 cal/cm ²
Wet	(ATPV) = 12 cal/cm ²
Insect Repellent Lotion	(ATPV) ~ 8.0 cal/cm ²

REPELLENCY TESTING

Mosquitos

Place	Mean Protection Time (Hours)
Marsh	8.5 ± 0.8
Forest	7.3 ± 0.9

Blacklegged Ticks

Product	Mean Protection Time (Hours)
Insect Repellent Lotion	9.1 ± 2.5

IR3535 TOXICOLOGY

Acute Inhalation Toxicity	IV
Primary Dermal Irritation	IV
Acute Oral	IV
Acute Dermal	III
Primary Eye	II

QUICK CHEMICAL REGULATORY REFERENCES

Prop 65	No Known Substances
TSCA	No Known Substances
SARA	No Known Substances
REACH	No Known Substances

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