EPA-REGISTERED INSECT REPELLENT · IR3535® 10%

I.C.® INSECT REPELLENT LOTION

Mosquito & tick defense · Odorless body lotion for exposed skin of outdoor workers · EPA Reg. No. 70759-2-91651

PRODUCT DESCRIPTION

I.C. Insect Repellent Lotion is specifically designed for workers who require reliable, long-lasting protection in outdoor environments. Formulated with IR3535®, it is odorless, non-greasy and non-tacky, and repels mosquitoes and ticks for up to 8 hours – including mosquitoes and ticks that can transmit diseases such as Zika, dengue fever and Lyme disease. Its lightweight formula applies smoothly and absorbs quickly.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **Repels mosquitoes and ticks for up to 8 hours.** Apply liberally and evenly over dry, exposed skin. Do not apply over cuts, wounds, freshly shaven or irritated skin. Do not allow children to handle this product, and do not apply to children's hands. When using on children, apply to your own hands and then put it on the child. After returning indoors, wash your child's treated skin and clothes with soap and water or bathe. **To apply to face:** apply product to the palm of your hand and rub on face. **For continued protection,** reapply about every 8 hours or sooner if effectiveness is diminished; not to exceed 3 applications per day.

USES

- Apply before work to repel mosquitoes and ticks
- Exposed skin of outdoor workers
- Does not kill, only repels insects (mosquitoes and ticks)

APPLICATIONS

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

FEATURES & BENEFITS

EPA-REGISTERED	Registered with the EPA, Reg. No. 70759-2-91651 (IR3535® 10%)
MOSQUITO & TICK PROTECTION	Repels mosquitoes and ticks for up to 8 hours; does not kill, only repels insects
VECTOR-BORNE DISEASES	Helps to repel mosquitoes and ticks that can transmit vector-borne diseases such as Zika, chikungunya, dengue fever, West Nile, malaria, yellow fever, encephalitis and Lyme disease
FACE APPLICATION	May be rubbed on face (apply to the palm first)
NON-GREASY · NON-TACKY	Non-greasy, non-oily feel with no oil-tracking; no stickiness or binding
LIGHTWEIGHT · ODORLESS	Applies smoothly and absorbs quickly; fragrance free and odorless formula
MOISTURIZING	Lotion formula is gentle on skin
FR CLOTHING	Will not affect flame resistant (FR) clothing; tested to ASTM F2621 and ASTM D6413
LINEMAN'S GLOVES	Lineman's glove test compliant, ASTM D120

ACTIVE INGREDIENT

3-[N-Butyl-N-acetyl]-amino propionic acid ethyl ester* … 10.0%
Other ingredients … 90.0%
Total … 100.0%
*IR3535®

WORKPLACE SPECIFICATIONS

- EPA Reg. No. 70759-2-91651 · EPA Est. No. 91651-AZ-001
- ASTM D120 – Arc Flash Rubber Glove Testing
- ASTM D6413 – Vertical Flame FR Clothing
- ASTM F2621 – Arc Flash FR Clothing

PRECAUTIONS, FIRST AID & STORAGE

KEEP OUT OF REACH OF CHILDREN.
WARNING. Hazards to humans: for external use only. Causes substantial but temporary eye injury. Do not get in eyes. Discontinue use and consult a doctor if irritation or rash occurs.

First aid – if in eyes: hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product call the National Pesticide Information Center at 1-800-858-7378.

Storage & disposal: store in cool dry place away from heat or flame. Always store insect repellents safely out of the reach of children. **Disposal:** if empty: nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. If partly filled: call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

I.C.® INSECT REPELLENT LOTION

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 – RUBBER INSULATING GLOVES

TEST SUBJECT	LEAKAGE AT 20 KV, MA	PASS/ FAIL	D-149 BREAKDOWN, 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 exposure + 16-hr distilled soak	13.89	Pass	33.4 (FO)

ASTM D6413 – VERTICAL FLAME

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 / dripping	none / none	none / none

ASTM F2621 – ARC RATING

FABRIC SYSTEM RATING	ARC RATING RESULT
Dry	(ATPV) = 9.3 cal/cm²
Wet	(ATPV) = 12 cal/cm²
Insect Repellent Lotion	(ATPV) ~ 8.0 cal/cm²

REPELLENCY TESTING

PEST – PLACE / PRODUCT	MEAN PROTECTION TIME (HOURS)
Mosquitoes – marsh	8.5 ± 0.8
Mosquitoes – forest	7.3 ± 0.9
Black-legged ticks – Insect Repellent Lotion	9.1 ± 2.5

REGULATORY

This product is an EPA-registered insect repellent (pesticide), manufactured and labeled in compliance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) administered by the Environmental Protection Agency (EPA). R&R Lotion is an FDA and EPA registered and audited facility.

EPA REG. / EST.	70759-2-91651 · 91651-AZ-001
FDA EST. / PREFIX	3004167955 · 59555
GOV'T CONTRACT	GSA / VA / DOD 47QSMS24D0078

SIZES & PART NUMBERS

PART NO.	SIZE	CASE	UPC
IBR-2	2 oz. bottle, snap cap	24	666080849634
IBR-4	4 oz. bottle, snap cap	24	666080849641
IBR-8	8 oz. bottle, snap cap	24	666080849658
IBR-16	16 oz. bottle	6	666080851026
IBR-32	32 oz. bottle, pump	12	666080849665
IBR-GAL	1 gallon bottle, pump	4	666080849672
ISBR-FOIL-100	4 mL foil, box 100	1	666080849689
ISBR-FOIL-200	4 mL foil, box 200	1	666080849696
ISBR-FOIL-300	4 mL foil, bulk 300	1	666080851408

IR3535 TOXICOLOGY

ACUTE INHALATION TOXICITY	PRIMARY DERMAL IRRITATION	ACUTE ORAL	ACUTE DERMAL	PRIMARY EYE
IV	IV	IV	III	II

QUICK CHEMICAL REGULATORY REFERENCES

PROP 65 · TSCA · SARA · REACH — No known substances

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.

SAFETY DATA SHEETS

For safety, environmental, handling, first aid and disposal information, refer to the Safety Data Sheet in the SDS library at **rrlotion.com/msds/**

R&R LOTION USA

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