

EPA-REGISTERED INSECT REPELLENT • IR3535® 20%

I.C.® INSECT REPELLENT SPRAY

Mosquito & tick defense • Fast-drying, odorless spray for exposed skin of outdoor workers •
EPA Reg. No. 70759-3-91651

PRODUCT DESCRIPTION

I.C. Insect Repellent Spray 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 dries fast.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Shake well. **Repels mosquitoes and ticks for up to 8 hours. To apply to skin:** 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:** spray palm of hand and rub on. **For continued protection,** reapply about every 8 hours or sooner if effectiveness is diminished; not to exceed 3 applications per day. If using sunscreen, apply sunscreen first, wait 10 to 15 minutes, and then apply IR3535® Insect Repellent.

[CONFIRM: EPA label directions (70759-3). "Shake well" is on LN-053/054/160; the sunscreen line on LN-051/052. The old TDS read "Apply liberally to face and body and rub until absorbed" – the label says do not spray on face.]

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. 70759-3-91651 (IR3535® 20%); classified as a biopesticide by the EPA
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 chikungunya, dengue fever, Lyme disease, malaria, West Nile and yellow fever
FACE APPLICATION	May be rubbed on face (spray palm of hand first)
NON-GREASY • NON-TACKY	Non-greasy, non-oily feel with no oil-tracking; no stickiness or binding
LIGHTWEIGHT • ODORLESS	Applies smoothly and dries fast; fragrance free and odorless formula
FR CLOTHING	Tested to ASTM F2621 (arc flash) and ASTM D6413 (vertical flame) – see testing
LINEMAN'S GLOVES	Linemen's glove compliant, ASTM D120

[CONFIRM: LN-051/052 print "Arc Flash ASTM F2621 Compliant", but arc-flash/FR wording is not on the EPA-accepted claims list for 70759-3 (it is for the lotion). Kept here as test data only.]



ACTIVE INGREDIENT

3-[N-Butyl-N-acetyl]-amino propionic acid ethyl ester* ... 20.0%
Other ingredients ... 80.0%
Total ... 100.0%
*IR3535®

WORKPLACE SPECIFICATIONS

- EPA Reg. No. 70759-3-91651 • 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. Do not spray on face. Discontinue use and consult a doctor if irritation or rash occurs. **Chemical and physical hazards:** combustible. Do not use or store near heat or open flame.

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. 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.

R&R LOTION
USA

APPEARANCE

PRODUCT TYPE	Liquid
COLOR	Grey
ODOR	Odorless
PH	5.5–7.0
VISCOSITY	0–100 cPs, Spindle #3 @ 60 RPM

COMPATIBILITY TESTING

ASTM D120 – RUBBER INSULATING GLOVES

TEST SUBJECT	LEAKAGE AT 20 KV, MA	PASS/ FAIL	D-149 BREAKDOWN, KV
Initial glove	13.90	Pass	32.7 (FO)
3-day repellent exposure	14.21	Pass	31.1 (FO)
16-hour distilled test	15.16	Pass	30.6 (FO)
3-day exposure + 16-hr distilled soak	14.21	Pass	33.6 (FO)

ASTM D6413 – VERTICAL FLAME

TEST	LENGTH DIRECTION	WIDTH DIRECTION
After flame time (sec)	0.0	0.4
Afterglow time (sec)	1.0	0.8
Char length (mm)	45.0	63.0
Melting / dripping	none / none	none / none

ASTM F2621 – ARC RATING

FABRIC SYSTEM RATING	ARC RATING RESULT
Dry	(ATPV) = 9.0 cal/cm ²
Wet	(ATPV) = 12 cal/cm ²
Insect Repellent Spray	(ATPV) ~ 8.0 cal/cm ²

REPELLENCY TESTING

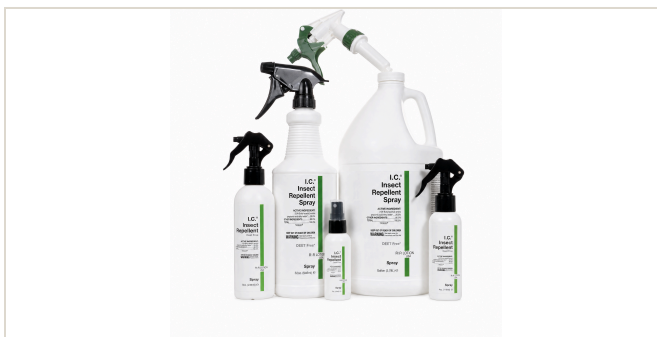
PEST – PLACE / PRODUCT	MEAN PROTECTION TIME (HOURS)
Mosquitoes – marsh	8.4 ± 0.8
Mosquitoes – forest	7.3 ± 0.9
Black-legged ticks – Insect Repellent Spray	12.2 ± 2.8

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.	70759–3–91651 · 91651–AZ–001
FDA EST. / PREFIX	3004167955 · 59555
GOV'T CONTRACT	GSA / VA / DOD 47QSMS24D0078

SIZES & PART NUMBERS



PART NO.	SIZE	CASE	UPC
BRS-2	2 oz. spray bottle	24	666080851071
BRS-4	4 oz. spray bottle	24	666080851088
BRS-8	8 oz. spray bottle	24	666080851125
BRS-16	16 oz. trigger spray	6	666080851095
BRS-32	32 oz. trigger spray	12	666080851101
BRS-GAL	1 gal. hand sprayer	4	666080851118

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.

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/