

**PRECAUTIONARY STATEMENTS  
PHYSICAL OR CHEMICAL HAZARDS**

**WARNING: FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.**

**HAZARDS TO HUMANS (& DOMESTIC ANIMALS)**

- Contains Xylene.
- Keep out of reach of children.
- Harmful if swallowed, inhaled or absorbed through the skin.
- If vomiting occurs spontaneously on ingestion, physician should place patient under observation for possible delayed pulmonary complications and treat accordingly.
- Avoid breathing of vapors, use in a well-ventilated place.
- Do not get in eyes, on skin or on clothing.
- Wash thoroughly after handling.
- Repeated exposures may increase the hazard of handling.
- May cause eye injury. Do not get in eyes, on skin, or clothing.
- Wear goggles or safety glasses while mixing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

- This product is toxic to fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

**STORAGE AND DISPOSAL**

**STORAGE:** Protect from ignition. Protect from freezing. Keep container closed. Keep dry. Keep inaccessible to children and pets.

**DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**NOTICE TO BUYER:** SELLER warrants that this product conforms to its chemical description and is reasonably satisfactory for the purpose stated on this label when used in strict accordance with SELLER'S directions under normal conditions of use. THE FOREGOING WARRANTIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES WHETHER WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN OTHER RESPECTS THAN EXPRESSLY SET FORTH ABOVE. Further, said warranties do not extend to the use of this product contrary to label directions, or under abnormal conditions, or under conditions not reasonably foreseeable to SELLER, and BUYER assumes the risk of any such use. In no event shall SELLER be liable for consequential damages of a commercial nature.



**R-55® REPELLENT 12.5E**

ACTIVE INGREDIENTS	WEIGHT PERCENT
tert-Butyl dimethyltrithloperoxycarbamate	11.20
Related Compounds	1.98
<b>INERT INGREDIENTS</b>	<b>86.82</b>
<b>TOTAL</b>	<b>100.00</b>

CONTAINS 1 POUND R-55 REPELLENT PER GALLON

**WARNING: FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP OUT OF REACH OF CHILDREN**

**STATEMENT OF PRACTICAL TREATMENT**

- IF SWALLOWED:** Do not induce vomiting, call a physician immediately.
- IF INHALED:** Remove from exposure. If illness develops, get medical attention.
- IN CASE OF SKIN CONTACT:** Immediately remove all contaminated clothing and wash skin with soap and water. Launder contaminated clothing before reuse.
- IN CASE OF EYE CONTACT:** Flush eye(s) with water for at least 15 minutes. Get medical attention.
- NOTE TO PHYSICIAN:** This product contains xylene, an aromatic hydrocarbon solvent. Vomiting may cause aspiration hazard, resulting in chemical pneumonitis.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**NET CONTENTS**

MANUFACTURED BY  
**PHILLIPS 66 COMPANY**  
A DIVISION OF PHILLIPS PETROLEUM COMPANY

EPA Reg. No. 224-30

BARTLESVILLE, OREGON, U.S.A.

EPA Est. No. 224-11-1

R-55 Repellent 12.5E is for the treatment of soil surrounding buried cables to provide a repellent barrier against the plains pocket gopher, *GEOMYS BURSARIUS* and the northern pocket gopher, *THOMOMYS TALPOIDES*.

**Note:** Plowing and applying R-55 Repellent 12.5E solution in areas of high water table will result in excessive dilution and will be ineffective.

**DIRECTIONS FOR USE**

"It is a violation of Federal Law to use this product in a manner inconsistent with its labeling"

**WARNING:** In all mixing of R-55 Repellent solutions and impregnating of cables in a well ventilated place — preferably outside. Wear protective gloves, clothing and goggles.

Prepare R-55 Repellent 12.5E for use by diluting two gallons of R-55 Repellent 12.5E with 48 gallons of water. This is the minimum amount of R-55 Repellent and water recommended to treat one mile of cable-cables up to one inch diameter. For larger cables or multiple (3) cables placed in same trench, double the amount. R-55 solution will not harm high or low density polyethylene, PVC, or most U.R.D. cable jackets. If in doubt — check with cable manufacturer before using.

Properly applied R-55 Repellent solution will result in a two inch area of soil immediately surrounding the cable being treated.

**APPLICATION TO CABLES INSTALLED BY CABLE-PLOW**

In cable-plow installations the soil is treated as it falls back around the cable as the cable is positioned in the plow slot. Any equipment that will deliver R-55 Repellent solution and direct it to be distributed, at a uniform rate, to the soil as it is replaced around the cable is satisfactory. It is necessary to attach a pipe to the plow chute; the lower end of the pipe must be fitted with a nozzle of device to distribute the solution in the soil. R-55 solution is delivered to the pipe through a hose. Gravity flow or a pump system can be used to supply the R-55 to the nozzle at a uniform rate or pressure. The plumbing of the equipment should provide sight tubes, valves, quick couplers, etc., so the system can be cleaned, serviced and operated properly.

**APPLICATION TO CABLES INSTALLED IN A TRENCH**

After the cable (or cables) has been positioned in a trench, cover with approximately one inch of soil, then saturate this back fill with R-55 Repellent solution. More solution will be required to treat the cable in this type application because the area of soil treated is greater and precautions taken to avoid skips or insufficient treatment uses more solution. Application equipment used to apply R-55 solution to the trench may vary from gravity flow type to large power equipment. Care must be taken not to lift the cables out of the repellent treated soil during subsequent operations. Regardless of equipment used a barrier of soil treated with a minimum of two gallons (2 pounds technical) R-55 Repellent 12.5E per mile (double if cables are larger than one inch in diameter) should be between the pocket gopher and the cable to be protected.

For further information on application of R-55 Repellent 12.5E consult technical bulletin of R-55 Repellent.

To maintain good operating equipment, do not allow R-55 Repellent solution to stand in the equipment for long periods of time. When not in use, flush pumps and equipment with clean water after use. Do not contaminate ponds, lakes or streams.

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