



A Huber AgroSolutions Company



Vapor Gard®

ANTI-TRANSPIRANT / ANTI-DESICCANT

ACTIVE INGREDIENTS

ACTIVE INGREDIENT:
Oligomerisation products of alpha
and beta pinene [+solvents] 96%
INERT INGREDIENTS: 4%

The amount of active ingredient in the formulation does not determine the activity. Activity is governed by the film which is formed and this is determined by refinement. This product is non-ionic.

WARNING



**VERY TOXIC TO AQUATIC LIFE
WITH LONG LASTING EFFECTS.
AVOID RELEASE TO THE
ENVIRONMENT.**

KEEP OUT OF REACH OF CHILDREN

Avoid contact with eyes, skin, or clothing. May be harmful if swallowed, inhaled, or absorbed through the skin. Do not inhale vapors or spray mist. Wash thoroughly with soap and water after handling.

FIRST AID

EYE CONTACT	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
SKIN CONTACT	Wash with plenty of water for at least 15 minutes. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.
INHALATION	Remove to fresh air. If not breathing, give artificial respiration, preferably by mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician
INGESTION	If swallowed, DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately!

Have product container or label on hand when contacting a poison control center, consulting a doctor, or seeking medical treatment.

Wear appropriate protective equipment, including eyewear (such as safety glasses with side shields, goggles, or a face shield), protective clothing, and gloves. Use impervious gloves if prolonged or repeated skin contact is expected. If ventilation is insufficient, wear suitable respiratory protection.

GENERAL INFORMATION

VAPOR GARD® is a water emulsifiable concentrate for use on plants to reduce water transpiration. The soft flexible film formed after the spray application dries will significantly reduce moisture lost by the plant foliage. All anti-transpirant spray applications must be applied for full coverage. Spray VAPOR GARD for full coverage or use as a dip. No additional spreader is needed with VAPOR GARD. Apply VAPOR GARD at least one hour, during daylight, before an anticipated rain. Sunlight is needed for the protective film to set. VAPOR GARD dries on plants to form a clear, glossy film which retards normal moisture loss without interfering with plant growth or normal respiration.

MANUFACTURED BY:

MILLER CHEMICAL & FERTILIZER, LLC
120 Radio Road • P.O. Box 333
Hanover, Pennsylvania 17331 • U.S.A.
1-800-233-2040



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DIRECTIONS FOR USE

USE	RATE & FREQUENCY
To improve fruit size, color, cold/wind protection and storage life through moisture conservation.*	Apply VAPOR GARD between a 0.5% and 2.0% solution per acre.
To reduce cracking, weight loss, heat stress, and drought stress through moisture conservation.*	Apply VAPOR GARD between a 0.5% and 2.0% solution per acre.
For long-term winter protection of cold-tolerant ornamentals.*	Apply VAPOR GARD between a 2.5% and 5.0% solution in late October/early November. Do not use for winter protection where temperatures drop below -20°F. (-30°C.).
To reduce transplanting shock (spray or dip).*	Apply VAPOR GARD between a 2.0% and 2.5% solution.

*Some varieties are more sensitive and may require additional application nuances. Consult with a Miller Chemical representative for more information.

NOTE: Before using VAPOR GARD on large numbers of plants, test it under your conditions on a limited number of plants. Due to varietal and environmental variation, results may differ from year to year.

Use this product in accordance with good agronomic practices, which include utilizing proven spray equipment set for proper coverage in adequate water.

For application rates tailored to specific needs, consult with a Miller Chemical representative or a certified crop advisor. General rates provided on labels may not account for unique conditions.

MIXING INSTRUCTIONS

VAPOR GARD is physically compatible with most agricultural products and may be tank mixed provided directions on each label are followed. Use according to the most restrictive precautionary statements for each product in the tank mixture. When tank mixing, VAPOR GARD should be the last component added to the tank.

Test mixture for physical compatibility before application.

Tank-mixing of VAPOR GARD with pesticide products shall be at the exclusive risk of the user, applicator and/or application advisor. To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability of crops sprayed with tank mixtures of VAPOR GARD and pesticide products. VAPOR GARD cannot be mixed with any product with a label prohibiting such mixing. Crop safety data of all potential tank-mixes with VAPOR GARD may not be available. Before application of tank-mixture with VAPOR GARD, safety to the target crop should be confirmed on a small portion of the crop to be treated to ensure an adverse response will not occur.

CLEANING DIRECTIONS

It is advisable to pre-mix VAPOR GARD with water before adding to the spray tank. Rinse tank, lines and nozzles immediately after spraying, with water. After rinsing, there may still be a small amount of sticky residue in the tank. This may help to prevent rusting and corrosion. It will not clog nozzles when sprayer is next used.

Apply VAPOR GARD only to recommended plant materials.

Do not apply to non-target surfaces. If spray happens to land on undesired surfaces, it can be removed with soap and water before the spray deposit is dry. If the spray deposit has dried or set, use premium grade or white kerosene. To remove dried deposits from painted car surfaces, use standard tar remover products designed for use on painted car finishes. Spray that lands on porous surfaces such as wooden surfaces, stone, brick, or other surfaces that cannot be practically cleaned as above, may result in an extended or permanent alteration of appearance.

VAPOR GARD will not freeze or clog nozzles.

METRIC CONVERSION	1 Pt. Per Acre = 1.2 Liters Per Hectare
	100 Gallons (U.S.) = 378.5 liters
	1 Gallon (U.S.) = 3.785 Liters Per Hectare
	1 Hectare = 2.5 Acres (U.S.)

This product is not for aquatic use. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

STORAGE & DISPOSAL

Keep in original container. Store in a locked, dry, cool, and well-ventilated area, away from direct sunlight. Store away from incompatible materials. If spilled, collect spillage. See SDS for further instructions. For 24-hour emergency assistance with spills, leaks, or exposure, call CHEMTREC at (800) 424-9300. Dispose of the contents at a permitted facility or as advised by your local regulatory authority.

CONTAINER DISPOSAL

Dispose of contents/ container to an approved waste disposal plant. Triple rinse (or equivalent) during mixing or loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler, visit the ACRC web page at www.acrcycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

WARRANTY STATEMENT: Miller Chemical and Fertilizer, LLC warrants that this product conforms to its labeled chemical description and is reasonably suitable for the specified purposes when used as directed. However, inherent risks exist, including weather conditions, other substances, or variations in use beyond Miller's control which may result in crop injury, ineffectiveness, or other unintended consequences. Miller is not liable for consequential, special, or indirect damages resulting from product use or handling. MILLER MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE NOR OTHER EXPRESS OR IMPLIED WARRANTY. For raw material information, contact Miller Chemical & Fertilizer, LLC, at productinfo@millerchemical.com, referencing the batch number on the container.