

Desikote®

STICKER – SPREADER – EXTENDER – SAFENER – RAINPROOFER – FROST PROTECTION – ANTI-TRANSPIRANT

(Active Ingredients: Di-1-p-menthene..... 40% and Alcohol Ethoxylate....18%)

ENGAGE AGRO USA

CAUTION: KEEP OUT OF REACH OF CHILDREN

Before using this product, read the MSDS (Material Safety Data Sheet) for this product.

GENERAL INFORMATION

DESIKOTE® is an emulsifiable concentrate containing 400 g/l terpene polymer for use in tank mixture with agricultural and horticultural chemicals to improve their performance.

DESIKOTE® is based on a unique polymeric terpene coating agent which holds tank-mixed chemicals onto plants in a rainfast form, protected against degradation by sunlight and against volatilization at high temperatures. The coating agent then slowly releases the active chemicals so that they are available to the plant. This **reduces phytotoxicity** but greatly extends the action of the spray chemicals. Phytotoxicity is normally the result of a very rapid uptake of a chemical, during the first few hours after spraying, by plants which are only relatively resistant to that chemical. The reduction of pesticide phytotoxicity is a major benefit and **DESIKOTE**® is almost unique in its ability to safen many pesticides, especially herbicides. In the case of weed killing, a delay of a day or two may be introduced by the use of **DESIKOTE**®, although a more certain kill is obtained. **DESIKOTE**® is thus quite unlike other additives, in that it is designed to slow down rather than speed uptake of spray chemicals by treated plants.

The **DESIKOTE**® coating is fully formed approximately **30 minutes after the spray** has dried on the leaves of treated plants, although a high degree of **rainfastness** will be obtained as soon as the spray is dry. When using **DESIKOTE**® with spray chemicals for which a range of application rates are suggested, **DESIKOTE**® will enable the chemicals to be used effectively at the **lowest rate** recommended for the intended purpose or at the longest recommended intervals between sprays. (For cereal crops) **DESIKOTE**® is of especial use in **extending** the fungicide and insecticide activity on the plants.

DESIKOTE® is an excellent additive to provide **adhesion** and 'creep' on waxy leaved brassicas and other difficult-to-wet plants.

DIRECTIONS FOR USE

GROUND APPLICATION

Apply at 1.3 to 2.7 oz per acre in at least 21 gallons per acre of water.

With Glyphosate Herbicide

Where a high degree of rainfastness is required with approved formulations of glyphosate herbicide, **DESIKOTE**® should be applied in tank-mixture at a rate of 5.3 oz per acre in at least 21 gallon(s) of water per acre. Where the higher rate of **DESIKOTE**® is used, the lowest label recommended rate of glyphosate herbicide may be used for weed control. On cereals (post harvest) the maximum permitted concentration of **DESIKOTE**® is 0.2% of the spray mixture.

DESIKOTE® may be used at 6.7 oz/acre with up to 3.3 pt/acre of 360g/l glyphosate product or equivalent rates of other glyphosate formulations pre-harvest of cereals up to 7 days before harvest. The cereal crop should contain less than 30% grain moisture at the time of treatment.

In addition to its use as a tank-mix with chemicals, **DESIKOTE**® may be used to prevent excessive transpiration. The soft, flexible film formed after the spray application dries, will significantly reduce moisture lost by the plant foliage.

Frost Protection (All Crops)

Plants are damaged frequently during growing seasons when cold weather fronts pass through crop areas. Damage occurs due to frost formation and freezing temperatures. **DESIKOTE**® will reduce the effects of frost, but will not prevent damage from freezing temperatures. To reduce the effects of frost, apply **DESIKOTE**® at the rate of up to 70 ounces per acre per application in a full coverage spray, at least 24 hours before a cold front arrives, while there is still adequate sunlight to set the film.

COMPATIBILITY

DESIKOTE® may be used in tank-mixture with all approved fungicides, herbicides, insecticides and plant growth regulators.

MIXING

SHAKE WELL BEFORE USE. Add to the spray tank containing half the required volume of water with agitation. Continue agitating while the tank is filling and during spraying.

WARNING!

Causes skin irritation. May cause respiratory irritation. May cause an allergic skin reaction. Toxic to aquatic organisms: avoid release to surface waters. Not defined as flammable or combustible but will burn under fire conditions after the water has evaporated. Avoid contact with the eyes, skin and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

INGESTION: Call a poison control center or doctor immediately for treatment advice. If conscious, have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

SKIN CONTACT: Take off contaminated clothing. Wash thoroughly with soap and water. Get medical attention if irritation persists.

EYE CONTACT: Hold eyes open and rinse thoroughly and gently with water for 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Get medical attention if irritation persists.

INHALATION: Move person to fresh air. Get medical attention if irritation or other symptoms persist.

SPILLS OR LEAKS

Wear appropriate protective clothing as described in Section 8 to avoid eye and skin contact. Isolate area and keep out unprotected persons. Stop leak at source. Absorb with commercial absorbent, sand or earth and collect into labeled containers for proper disposal. This material is toxic to aquatic organisms. Prevent run-off to storm sewers and ditches leading to natural waterways. Report spills as required by local and federal regulations.

STORAGE

Protect containers from physical damage. Store in a cool, dry area tightly closed in a safe place. Store only in original container. Do not contaminate ponds, waterways or ditches with chemical or used container.

FIREFIGHTING

Use carbon dioxide, dry chemicals, foam, water or water fog. Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.

ATTENTION!

Empty containers retain product residue and are hazardous. Follow all MSDS precautions in handling empty containers.

OBSERVE ALL PRECAUTIONARY LABELING

For Emergencies Involving a Spill, Leak, Fire, Exposure, or Accident Contact: CHEMTREC (800) 424-9300 or 1-703-527-3887 (International calls). This call can be made collect.

HMIS Hazard Rating: Health 2 Flammability 1 Reactivity 0

DESIKOTE® is a Registered Trade Mark of and Manufactured by: Taminco, Inc. Allentown, PA 18195

Manufactured for:
Engage Agro USA LLC
Prescott, AZ 86303 USA

For Product Usage Information please phone Engage Agro USA LLC at 928-445-7990.

The use of this material being beyond our control and involving elements of risk, we do not make any warranty, express or implied, as to the effects of such use, when this product is not used in accordance with the directions as stated on this label.

Made in Belgium

Net Wt.: 2.5 gal

PROPER SHIPPING NAME: DOT: Not Regulated; IMDG: Environmentally Hazardous Substance, Liquid, n.o.s. (Di-1-p-menthene), 9, PG III, Marine pollutant

UN NUMBER: DOT: Not applicable (Not Regulated); IMDG: UN 3082