



HERBICIDE

For contact spray control or burndown of weeds and grasses.
For use on pastures, ornamentals, turf, landscapes, interiorscapes, greenhouses, nursery crops, farmsteads, around buildings and industrial sites, and homes and gardens

Active ingredient:

Ammonium Nonanoate 40.0 wt.%

Other ingredients 60.0 wt.%

Total 100.0 wt.%

SUERTE contains 3.3 lbs. of ammonium nonanoate per US gallon.

**KEEP OUT OF REACH OF CHILDREN
WARNING – AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

If in eyes	<ul style="list-style-type: none"> • 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.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
EMERGENCY NUMBER	
FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL THE NATIONAL POISON CONTROL CENTER 1-800-222-1222. Have the product container or label with you when calling a poison control center or doctor.	

NET CONTENTS: 1 Gallon (3.785 L)

Distributed by:
SIPCAM AGRO USA, INC.
2525 Meridian Parkway
Durham, NC 27713

1G

This product is protected by U. S. Patent No. 6,323,156

EPA Reg. No. 87663-11-60063
EPA Establishment No. 87663-OH-001, 72038-DE-001, 06574-KY-001,
064784-OK-001, 75822-TN-001, 70299-CT-001, 082521-GA-001,
60063-GA-001, 62171-MS-001, 72344-MO-001, 70989-MO-001
EPA 20190617 (11/19)



SIPCAM AGRO
USA, INC.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Warning: Causes substantial, but temporary eye irritation. Do not get in eyes or on clothing. Wear goggles. Harmful if inhaled. Avoid breathing spray mist. Causes moderate skin irritation. Avoid contact with skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Coveralls worn over short-sleeve shirt and short pants
- Socks and chemical resistant footwear
- Chemical resistant gloves
- Protective eyewear
- When mixing and loading wear a chemical resistant apron

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergents and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses: This pesticide is toxic to fish and aquatic invertebrates. Use care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State/Tribal agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water is:

- Coveralls worn over short-sleeve shirt and short pants
- Socks and chemical resistant footwear
- Chemical resistant gloves
- Protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

METHODS OF USE AND GENERAL APPLICATION INSTRUCTIONS

General Instructions:

SUERTE is a contact non-selective herbicide for spray application only to undesirable plant growth. Do not allow spray to contact any green plant parts of desirable plants. **SUERTE** provides control and burndown suppression of annual and perennial broadleaf and grass weeds. Spore producing plants such as mosses and liverworts are also controlled. The amount of burndown and the duration of weed suppression may be reduced when weed growth conditions are unfavorable or when plants are mature.

SUERTE is non-volatile and water soluble for foliar application in tractor powered field-type sprayers or manual pump sprayers. Complete and uniform coverage of weeds by the spray solution is required for the best weed control. Plant foliage will change from a green color to brown/black necrotic tissue within one to two hours after spray application of **SUERTE** diluted with water. **SUERTE's** effect on plant tissue may be more rapid in warm weather than in cold conditions. However, weed control is normally unaffected by temperature.

SUERTE herbicide is a fatty acid soap product which penetrates the cell walls of plants to disrupt the cellular organization of physiological functions which are compartmentalized by membranes within the cell walls. Plant growth ceases when cellular contents are mixed which causes brown necrotic plant tissue.

SUERTE does not migrate through the soil and is not translocated in plants. **To ensure satisfactory control, plant leaves must be thoroughly and uniformly covered with the spray solution.** **SUERTE** does not provide any residual weed control in soil to affect germinating weed seeds.

Mixing and Application Instructions

For use, **SUERTE** is diluted with water to the specified concentration for effective control of the undesirable vegetation. Apply using standard methods of liquid herbicide application. Dilution must be in accordance with label instructions. Do not apply this product through any type of irrigation system. A 6-13% v/v dilution is recommended for most weed control situations. Based on the results, applicators may increase or decrease spray concentrations as discussed in the following text and tables to obtain better control or to reduce herbicide use.

The degree of dilution for application is based on the concentration of active ingredient needed for the size of vegetation to be suppressed or the rate of herbicidal effect desired. The larger the vegetation, the higher the concentration (less dilution) required for rapid action. See required concentration for variously sized weeds and grasses in Dosage and Application Rates Section. Hard to control or suppress weeds (deep-rooted perennials and some grasses) may require one or more later applications for complete control.

Spray equipment options include hand-held, boom sprayers, pressure sprayers and hose-end sprayers. Spray nozzles that produce a uniform spray will give maximum coverage of the leaves, and thus highest activity. **SUERTE** is completely soluble in water and only requires nominal mixing. Once mixed, no additional mixing or agitation is required.

Application Precautions

- Do not apply to weeds when wet from dew, rain or irrigation.
- Do not irrigate within 2 hours after application
- Do not apply if rainfall is expected within 2 hours.

During application, some foaming may occur; however, weed control is unaffected if the foam is deposited on the plant surface and is not blown away as drift. Foaming can be reduced by using the minimum spray pressure required for a uniform application to the target weeds. Use low spray pressure to reduce foaming and avoid contact with desirable plants. Most spray nozzles are designed to operate at 10 to 15 psi and provide uniform spray coverage of weeds.

Mixing

Fill sprayer tank with half the required amount of water; add the full amount of **SUERTE** to be used (see Dosage and Dilution Rate Table below), then fill the sprayer tank with the remainder of the water required for the desired final concentration. Since **SUERTE** is completely soluble in water and when uniformly dispersed in water, continuous mixing or agitation is not required.

Always pre-determine the compatibility of labeled tank mixes of **SUERTE** with other products in advance of application. When tank mixing, add formulation in the following sequence: compatibility agent (if needed), wetting agent and soluble powders, flowable liquids, emulsifiable concentrates and **SUERTE**. Mix only with other labeled products.

Broadcast Application with Field Sprayer Boom Equipment

The amount of weed vegetation will determine the spray volume required for complete coverage of undesired plants (weeds). Weed vegetation conditions that affect spray coverage are number of weeds present, leaf shape, weed size and weed species. For weeds of over 1-inch height, do not use less than 30 gal/acre. Large weeds of 12 to 18-inch height may require 80 to 125 gal/acre or more for control.

Hand-Held Equipment

Thorough saturation of the foliage and stems is required for control but stop sprays when run-off from weed leaves occurs. Creating run-off from the leaves may result in the reduction of active material contact with the leaves. Good contact is required for control. Use low spray pressure to reduce foaming and avoid contact with desirable plants. Most spray nozzles are designed to operate at 10 to 15 psi and provide uniform spray coverage of weeds.

Directed Spray Equipment

Use a shielded sprayer to prevent spray contact on desirable plants. Avoid spray contact of green plant stems or green bark of young trees and shrubs.

NOTE: In areas of hard water, the final mixture may appear milky. This condition does not change the effectiveness of the treatment. Some visible foam may appear on the leaves as the plants are sprayed. Drift onto desirable plants should be avoided; however, this is usually not a serious problem because of the need for thorough leaf coverage for control of weeds. Repeat applications as often as necessary to obtain desired control.

Dosage and Application Rates

For general weed and grass control, rates are based on the size of the plants and/or the desired speed of kill. The larger the plants, the higher the dosage rates needed to ensure maximum herbicidal activity. Also, the higher the concentration, the quicker the plants wilt and turn brown. Apply **SUERTE** spray solutions only when weed surfaces are dry.

The rate table presents the suggested percent volume/volume solutions of **SUERTE** to use for application as follows:

- Use a 6 to 8 % V/V **SUERTE** spray solution for control of annual weeds of 1-inch height or less and for control of liverworts and mosses.
- Use an 8 to 10% V/V **SUERTE** spray solution for control of annual weeds over 1-inch height and up to 4-inch height.
- Use a 10 to 13% V/V **SUERTE** spray solution for weeds over 4-inch height and for hard to control weeds.

Repeat spray applications as necessary to obtain the desired control or suppression of weeds from newly germinated weed seeds and regrowth from roots or stems.

RATE TABLE #1

Final Spray Volume (gallons)	Amount of SUERTE for Percent V/V (Volume/Volume) Solution								
	3.5%	4%	6%	8%	10%	13%	15%	20%	32.5%
1	4.5 fl.oz.	5 fl.oz.	8 fl.oz.	10 fl.oz.	13 fl.oz.	1 pt.	1.2 pt.	1.6 pt.	2.6 pt.
2	9 fl.oz.	10 fl.oz.	1 pt.	1.3 pt.	1.6 pt.	2 pt.	2.4 pt.	3.2 pt.	5.2 pt.
5	1.4 pt.	1.6 pt.	2.5 pt.	3.3 pt.	4 pt.	5 pt.	6 pt.	1 gal.	1.6 gal.
10	2.8 pt.	3.2 pt.	5 pt.	6.5 pt.	1 gal.	1.3 gal.	1.5 gal.	2 gal.	3.25 gal.
15	4.2 pt.	4.8 pt.	7.2 pt.	1.2 gal.	1.5 gal.	2 gal.	2.25 gal.	3 gal.	4.9 gal.
20	5.6 pt.	6.4 pt.	1.3 gal.	1.6 gal.	2 gal.	2.6 gal.	3.0 gal.	4 gal.	6.5 gal.
30	1.05 gal.	1.2 gal.	1.8 gal.	2.4 gal.	3 gal.	4 gal.	4.5 gal.	6 gal.	9.75 gal.
50	1.75 gal.	2 gal.	3 gal.	4 gal.	5 gal.	6.5 gal.	7.5 gal.	10 gal.	16.25 gal.

Height of Plants to be Controlled

1 inch or less
1 to 4 inches
Above 4 inches

Spray Solution (% V/V)

6 to 8%
8 to 10%
10 to 13%

Use Methods

Determine the weed control situation and select the use method required as follows:

Vegetative Burndown: Broadcast spray for weed control for no-till planting or seedbed preparation to control weeds prior to seeding or transplanting. Spot sprays may be used in ornamentals, pastures and turf.

Directed and shielded sprays: Spray nozzle type or configuration for directed spray or a shield placed around the nozzle to prevent spray contact on the foliage or green stems or bark. Directed/shielded spray applications to area between plastic mulch strips and staked crops for weed control.

Pre-emergence Spray Before Seeds Germinate and Emerge, and Before Perennial Plants, Tubers, Bulbs or Seed Pieces Sprout and Emerge: Make application to weeds before new growth emerges.

Dormant or Post Harvest Spray: Apply after desirable annual plants are removed to kill weeds and residual green growth of the plants. Apply to dormant crops such turf.

Building and Premise, and Industrial Uses: Apply to weeds in walkways, driveways, parking areas and around buildings or structures. Broadcast or spot sprays may be applied to open field areas and rights-of-ways.

PESTS

I. Weeds controlled or suppressed by SUERTE:

COMMON NAMES	TAXONOMIC NAMES
Broadleaf Weeds:	
Algae	<i>Gloeocapsa magma</i>
Bittercress, hairy	<i>Cardamine hirsuta</i>
Chickweed, common	<i>Stellaria media</i>
Chickweed, mouse-ear	<i>Cerastium vulgatum</i>
Cocklebur, common	<i>Xanthium strumarium</i>
Corn spurry	<i>Spergula arvensis</i>
Cudweed, purple	<i>Gnaphalium purpureum</i>
Groundsel	<i>Senecio spp.</i>
Lambsquarters, common	<i>Chenopodium album</i>
Liverwort	<i>Machantia spp.</i>
Marestail or Horseweed rosettes	<i>Conyza canadensis</i>
Morningglory, annual	<i>Ipomoea spp.</i>
Moss	<i>Bryophyta</i>
Mustards	<i>Brassica spp.</i>
Oxalis or Woodsorrel	<i>Oxalis stricta</i>
Pansy, wild	<i>Viola tricolor</i>
Plantain	<i>Plantago spp.</i>
Pigweed, smooth and redroot	<i>Amaranthus spp.</i>

COMMON NAMES	TAXONOMIC NAMES
Broadleaf Weeds:	
Mallow, roundleaved	<i>Malva</i> spp.
Moneywort	<i>Lysimachia nummularia</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>
Sorrel, sheep	<i>Rumex acetosella</i>
Spurge, spotted	<i>Euphorbia maculata</i>
Field pennycress	<i>Thlaspi arvense</i>
Velvetleaf	<i>Abutilon theophrasti</i>
Grass and Other Weeds:	
Bentgrass, colonial	<i>Agrostis tenuis</i>
Bluegrass, annual	<i>Poa annua</i>
Crabgrass, large	<i>Digitaria sanguinalis</i>
Fescue, creeping red	<i>Festuca rubra</i>
Fescue, hard	<i>Festuca ovina</i>
Nimblewill	<i>Muhlenbergia scheberi</i>
Onion, wild	<i>Allium canadense</i>
Ryegrass, perennial	<i>Lolium perenne</i>
Star-of-Bethlehem	<i>Ornithogalum nutans</i>

II. Weeds Moderately Difficult to Control¹

COMMON NAMES	TAXONOMIC NAMES
Bermudagrass (Wireweed)	<i>Cynodon dactylon</i>
Bindweed, field	<i>Convolvulus arvensis</i>
Dandelion	<i>Taraxacum officinale</i>
Nutsedge, yellow	<i>Cyperus esculentus</i>
Ragweed, common	<i>Ambrosia artemisiifolia</i>

¹Use 13 to 15% V/V **SUERTE** for control or suppression

Farmstead, Buildings and Premise, and Industrial Sites Uses and Methods of Application*

Group	Crops	Use Methods
Turf, Flowers, Container, Bedding and Landscape Plants	Turfgrass (maintenance, sod or seed production), bedding plants, flowers and ornamental plants	A, B, C, D, E, F
Trees and Shrubs	Christmas trees, forest and commercial trees, landscape trees, nursery production of trees and shrubs	A, B, E
Greenhouse and Indoor Use	All plants and structures	A, B, C, G
Industrial, Parks and Public Areas	Farmstead, homestead, fallow land, storage areas, schools, paved areas, rights-of-ways (road, railroad, utilities, etc.), parking lots, recreational areas (athletic fields, campgrounds, golf courses, playgrounds, etc.), walks, industrial sites (tank farms, lumberyard, warehouses and other structures, etc.)	A, B, G
Buildings, Driveways, Walkways and Other Structures	Benches, decks, equipment, floors, roofs, wall, walks and evaporative cooling pads	G
Dry Aquatic Sites, Dry Drainage Systems, and Around Aquatic Sites	Applications must be made 72 hours prior to reflooding of dry aquatic sites. Dry ditches, dry canals, ditch banks, and for use above the water line or after drawdown of agricultural irrigation water and ditch systems, industrial ponds and disposal systems, and impounded water areas.	A, G
* Refer to the General Instructions section for Use Methods description		

USE INFORMATION

Usage: SUERTE is a non-selective herbicide recommended for weed control in pastures, ornamentals, turf, landscapes, interiorscapes, greenhouses, nursery crops, farmsteads, around buildings and industrial sites, gardens, seedbeds, flower beds, for site preparation, and around the home. Do not apply if desired new growth or after crop emerges from oil or damage will occur. Do not spray on desired plants. Weeds should be growing vigorously and must not be covered with soil or heavy dew. Apply prior to emergence of plants from seed, Perennial Rootstocks, Corms and Bulbs.

Equipment: Hand-held ultra-low volume-controlled droplet applicators (CDA units), directed and shielded sprayers and spray nozzle type or configuration to prevent spray contact on the foliage or green stems or bark. Select nozzle/pressure combination that deliver large coarse droplets (solid cone or flat fan) and avoid combinations that generate fine particles or mist.

Mixing: A final spray volume of 50 gallons per acre is recommended to ensure complete coverage. Dilution rates are based on the size of the plants and/or the desired speed of kill. The larger the plants, the higher the dosage rates needed to ensure maximum herbicidal activity. Also, the higher the concentration, the quicker the plants wilt and turn brown. Add 3 – 6.5 gals of **SUERTE** per 50 gal of final spray volume (6% - 13% V/V) in the spray tank and mix to get even mixing. Use only clean water free from clay, silt and algae as these will tend to clog the spray nozzles. Water collected from roofs, bore water, dam water and water from creeks may be used provided it does not contain any sediment. Refer to the Rate Table #1 for the proper dilution needed.

Application: Apply to control weeds in seedbeds and growth sites prior to emergence of desirable plants. Apply around trees, shrubs, turfgrasses or desirable vegetation making sure to avoid material contact with foliage and green bark. Repeat applications may be necessary. Reseeding or transplanting can occur in treated areas as soon as desirable levels of weed control are contained.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store container in cool place until used. Store at temperatures above 32° F.

Pesticide Disposal: Wastes resulting from use of this product must be disposed of on-site or at an approved waste disposal facility.

Container Handling:

Non-refillable Containers: Do not reuse or refill this container. Offer for recycling if available. **Clean container promptly after emptying (liquid formulations).**

Non-refillable container equal to or less than 5 gals: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For non-medical emergencies or spills, see **SUERTE** SDS or call CHEMTREC at 800-424-9300.

WARRANTY AND LIMITATION OF DAMAGES

CONDITIONS OF SALE: To the extent consistent with applicable law, Sipcam Agro USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Sipcam Agro USA, Inc.

Sipcam Agro USA, Inc. disclaims all other warranties, express or implied, to the extent consistent with applicable law, Sipcam Agro USA, Inc. shall not be liable for consequential, special, or indirect damages resulting from the use or handling of this product, and Sipcam Agro USA, Inc.'s sole liability and buyer's and user's exclusive remedy shall be limited to the refund of the purchase price. buyer and user acknowledge and assume all risks and liability resulting from handling, storage and use of this product. Sipcam Agro USA, Inc. does not authorize any agent or representative to make any other warranty, guarantee or representation concerning this product.



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