



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg.
Number:

66330-439

Date of Issuance:

3/13/20

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Kanemite 30 SC Miticide

Name and Address of Registrant (include ZIP Code):

Christine Villegas
Regulatory Manager, North America
15401 Weston Parkway, Suite 150
Cary, NC 27513

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Venus Eagle, Product Manager 01
Invertebrate and Vertebrate Branch 3 Registration Division (7505P)

Date:

3/13/20

2. You are required to comply with the data requirements described in the DCI identified below:

a. Acequinocyl GDCI-006329

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

4. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, "EPA Reg. No. 66330-439."

5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 5/9/2019

If you have any questions, please contact Marianne Lewis by phone at (703) 308-8043 or via email at lewis.marianne@epa.gov.

Enclosure

[Text in brackets is optional]

ACEQUINOCYL	GROUP	20B	ACARICIDE
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KANEMITE® 30 SC MITICIDE

For the control of mites on: Small Fruit Vine Climbing except Fuzzy Kiwifruit (Crop Subgroup 13-07F) and Tree Nut (Crop Group 14-12).

ACTIVE INGREDIENT:	% BY WT.
*Acequinocyl.....	30.0%
OTHER INGREDIENTS:.....	70.0%
TOTAL:.....	100.0%

*3-dodecyl-1, 4-dihydro-1, 4-dioxo-2-naphthyl-acetate.
Contains 2.5 lb ai/gal.

KEEP OUT OF REACH OF CHILDREN

CAUTION / PRECAUCIÓN

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.)

See [front][back][side][inside] panel for First Aid Instructions and [Leaflet][Booklet] for complete
Precautionary Statements and Directions for Use.

FIRST AID	
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.
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 SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL ROCKY MOUNTAIN POISON & DRUG SAFETY: 1-866-673-6671 FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure or accident) CALL CHEMTREC: 1-800-424-9300 or +1-703-527-3887.	

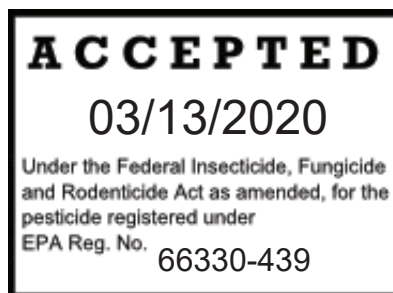
For Product Use Information Call 1-866-761-9397

EPA Reg. No. 66330-XXX

xxxxxxV001

[Batch Code will be placed on the container.]

EPA Est. No.:
NET CONTENTS:



Produced For:
ARYSTA LIFESCIENCE NORTH AMERICA, LLC
C/O UPL NA Inc.
630 Freedom Business Center, Suite 402
King of Prussia, PA 19406

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Harmful if swallowed. Harmful if inhaled.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Shoes and socks; and
- Chemical-resistant gloves made out of: barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride ≥14 mils, or viton ≥14 mils.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and change into clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates such as Eastern oysters and mysid shrimp. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

Surface Water Statement

This product may contaminate water through drift of spray in wind. This product has a potential for runoff for several days after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow coming in contact with oxidizing agent. Hazardous Chemical reaction may occur.

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 any 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 agency responsible for pesticide regulation.

Carefully read and follow the Directions for Use and restrictions before applying this product.

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 on this label about personal protective equipment (PPE), notification to workers 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 entry into treated areas during **restricted-entry interval (REI) of 12 hours**.

PPE required for early entry into 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; Shoes and socks; and Chemical-resistant gloves.

PRODUCT INFORMATION

KANEMITE® 30 SC MITICIDE is a suspension concentrate containing the active ingredient acequinocyl. When applied to the foliage as directed, **KANEMITE 30 SC MITICIDE** provides knockdown and residual control. **KANEMITE 30 SC MITICIDE** is not expected to have cross-resistance to existing acaricides/miticides and is very effective against various species mites including those resistant to other miticides. **KANEMITE 30 SC MITICIDE** is relatively harmless to most predacious mites and beneficial insects, making it compatible with IPM and resistance management programs.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, **KANEMITE 30 SC MITICIDE** contains a Group 20B acaricides. Any mite population may contain individuals naturally resistant to **KANEMITE 30 SC MITICIDE** and other Group 20 acaricides. The resistant individuals may dominate the mite population if this group of acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay acaricide resistance, take the following steps:

- Rotate the use of **KANEMITE 30 SC MITICIDE** or other Group 20 acaricides within a growing season, or among growing seasons, with different groups that control the same pests. It is recommended not use **KANEMITE 30 SC MITICIDE** successive applications. Rotation with other acaricides having different modes of action is recommended.
- Use tank-mixtures with acaricides not in Group 20 when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues for mites between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.

- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact UPL NA, Inc. at 1-800-438-6071.

TANK-MIXING

It is the pesticide user's responsibility to ensure that all products in the mixtures are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions and precautionary statement of each product in the tank mixture.

KANEMITE 30 SC MITICIDE can be combined with most commonly used pesticides with the exception of strongly alkaline material, which can reduce the activity of this product. **DO NOT** combine **KANEMITE 30 SC MITICIDE** with Phos-ethyl (Fosetyl). To obtain broad-spectrum pest control, **KANEMITE 30 SC MITICIDE** can be tank-mixed with most other miticide/insecticide products. However, all plant species and their varieties and cultivars have not been tested with possible tank-mix combinations, sequential pesticide treatments and adjuvants and surfactants. The user should conduct a spray mix compatibility and phytotoxicity trial under local conditions to ensure compatibility prior to any large-scale use.

PREPARATION OF SPRAY SOLUTION

Begin with clean equipment. Add sufficient clean water to the spray-tank for one-half of the mix load. Start tank agitation. Add and properly suspend the necessary amount of product before adding any other products. Agitate to ensure thorough mixing while adding the remaining required water. If allowed for use on your specific crop a high quality wetting agent or other agricultural spray adjuvant may be added to spray solutions according to the manufacturer's use directions. **KANEMITE 30 SC MITICIDE** must be properly suspended and diluted prior to the addition of any adjuvant. Consult the adjuvant label or manufacturer for crop tolerance and safety information when used with this product. Maintain agitation during mixing and application. Allowing the spray mixture to stand without agitation may result in an improperly suspended mixture. If agitation is stopped for any reasons, thoroughly re-mix the spray solution prior to any further use. Apply with properly calibrated spray equipment.

APPLICATION INFORMATION

Apply **KANEMITE 30 SC MITICIDE** when threshold populations are observed and before large mite populations have been established.

Apply **KANEMITE 30 SC MITICIDE** in sufficient water to ensure uniform and thorough coverage of foliage. Thorough coverage is required for optimum control. To achieve adequate coverage, use proper spray pressures, nozzles, nozzle spacing, and water volume per acre.

When used as directed, **KANEMITE 30 SC MITICIDE** is effective for the control of a variety of listed mite species. **KANEMITE 30 SC MITICIDE** shows efficacy on all mite life stages of susceptible mites. Using **KANEMITE 30 SC MITICIDE** in successive miticide applications is not recommended. Use **KANEMITE 30 SC MITICIDE** as part of a sound resistance management program that includes rotation with other miticide treatments having different modes of action.

Rotational Crop Restrictions

Food and feed crops not listed on this label must not be planted within 30 days of the last **KANEMITE 30 SC MITICIDE** application.

RESTRICTIONS (FOR ALL CROPS)

- Do not apply this product through any type of irrigation system.
- Do not apply by air.
- Do not apply within 75 feet of aquatic areas.

- Not for residential use.
- A 30-day plant-back interval is required for all crops not listed on this label.
- Do Not combine Kanemite 30 SC Miticide with Phos-ethyl (Fosetyl).

SMALL FRUIT VINE CLIMBING except FUZZY KIWIFRUIT (SUBGROUP 13-07F) (AMUR RIVER GRAPE; GOOSEBERRY; GRAPE; KIWIFRUIT, HARDY; MAYPOP; SCHISANDRA BERRY; CULTIVARS, VARIETIES, and/or HYBRIDS of these).

PEST	USE RATE
Pacific spider mite (<i>Tetranychus pacificus</i>) Twospotted spider mite (<i>Tetranychus urticae</i>) Willamette spider mite (<i>Eotetranychus willamettei</i>)	16 fl oz/A (0.3 lb ai/A)

RESTRICTIONS

- For grapes (young vines, early season application prior to dense foliage) - Do not use less than 50 gallons of water per acre.
- Do not use less than 100 gallons of water volume per acre (except for grapes).
- Apply to every row to ensure coverage. Do not use in alternate row middle applications.
- Allow a minimum of 21 days between treatments.
- Do not make more than two applications of **KANEMITE 30 SC MITICIDE** per year.
- Do not apply more than 32 fl oz of **KANEMITE 30 SC MITICIDE** per acre (0.6 lb ai) per year.
- Preharvest interval is 7 days.
- Restricted-entry Interval (REI) is 12 hours.

TREE NUT (CROP GROUP 14-12): AFRICAN NUT-TREE; ALMOND; BEECHNUT; BRAZIL NUT; BRAZILIAN PINE; BUNYA; BUR OAK; BUTTERNUT; CAJOU NUT; CANDLENUT; CASHEW; CHESTNUT; CHINQUAPIN; COCONUT; COQUITO NUT; DIKA NUT; GINKGO; GUIANA CHESTNUT; HAZELNUT (FILBERT); HEARTNUT; HICKORY NUT; JAPANESE HORSE-CHESTNUT; MACADAMIA NUT; MONGONGO NUT; MONKEY-POT; MONKEY PUZZLE NUT; OKARI NUT; PACHIRA NUT; PEACH PALM NUT; PECAN; PEQUI; PILI NUT; PINE NUT; PISTACHIO; SAPUCAIA NUT; TROPICAL ALMOND; WALNUT, BLACK; WALNUT, ENGLISH; YELLOWHORN; CULTIVARS, VARIETIES, and/or HYBRIDS of these.

PEST	USE RATE
Pacific spider mite (<i>Tetranychus pacificus</i>) Twospotted spider mite (<i>Tetranychus urticae</i>) Willamette spider mite (<i>Eotetranychus willamettei</i>)	16 fl oz/A (0.3 lb ai/A)

For optimal control, use 150 gallons of water per acre or higher.

RESTRICTIONS

- Do not use less than 100 gallons of water volume per acre. Apply to every row to ensure coverage. Do not use in alternate row middle applications.
- Allow a minimum of 21 days between treatments.
- Do not make more than two applications of **KANEMITE 30 SC MITICIDE** per year.
- Do not apply more than 32 fl oz of **KANEMITE 30 SC MITICIDE** per acre (0.6 lb ai) per year.
- Preharvest interval is 7 days.
- Restricted-entry Interval (REI) is 12 hours.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE

Store in original container and keep tightly closed. Store in a cool dry place. Protect from excessive heat.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray 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.

CONTAINER HANDLING

Rigid, Nonrefillable containers small enough to shake (i.e., with capacities equal to or less than 5 gallons).

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill or by incineration.

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 1/4 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.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix-tank for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix-tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Rigid, Nonrefillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs).

Nonrefillable container. Do not reuse or refill this container. After emptying product from container, either return container to UPL NA, Inc. per instructions from UPL NA, Inc. service center (1 866-761-9397), or rinse and either recycle or dispose of the container as follows:

Bottom Discharge IBC (e.g. Schuetz Caged IBC or Snyder Square Stackable).

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix-tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g. Snyder 120 Next Gen, Bonar B120, Drums, and Kegs).

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or rinsate collection system. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling, if available, or puncture and dispose of in a sanitary landfill or by incineration.

Warranty and Disclaimer Statement

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of UPL NA, Inc. ("UPL") and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer.

UPL warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to UPL and is subject to the inherent risks described above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UPL DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UPL, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF UPL IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF UPL, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT UPL'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

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[label updated 3/09/2020]