



**OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION**

WASHINGTON, D.C. 20460

September 15, 2025

**SENT BY EMAIL**

Jaqueline Stewart  
jstewart@delta-ac.com  
ENERGY SOLUTIONS (US), LLC

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 - Additional Storage and Disposal Statements  
Product Name: DV10456  
Admin Number: 102007-9  
EPA Receipt Date: 07/31/2025  
Action Case Number: 00663180

Dear Jaqueline Stewart:

The U.S. Environmental Protection Agency is in receipt of your application for notification under Pesticide Registration Notice 98-10 for the above referenced product. The EPA has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to your 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 EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have questions, please contact Srinivas Gowda by telephone at (202) 565-0078 or via email at [gowda.srinivas@epa.gov](mailto:gowda.srinivas@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Steven Snyderman". The script is fluid and cursive, with the first name "Steven" and last name "Snyderman" clearly legible.

Steven Snyderman, Product Manager, Team 33  
RMB 2, AD  
Office of Pesticide Programs

# DV10456

[Adding the following new Alternate Brand Name:] Plexcide 20  
[Previously approved Alternate Brand Name:] Tolcide 4FRAC20

## OIL & GAS ANTIMICROBIAL

### ACTIVE INGREDIENTS:

Tetrakis(hydroxymethyl) phosphonium sulfate ..... 17.5%  
Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>) dimethyl benzyl ammonium chloride ..... 2.5%  
OTHER INGREDIENTS: ..... 80%  
TOTAL: ..... 100%

EPA Reg. No. 102007-9

EPA Est. 80347-TX-1

## KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. For emergencies, call the poison control center 1-800-222-1222. <b>Note to physician:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

See side panels for additional Precautionary Statements

In case of emergency, call CHEMTREC at 1-800-424-9300

Manufactured [by] [for]:



Energy Solutions (US) LLC  
504 Carnegie Center  
Princeton, New Jersey 08540  
(609) 860-4000

THPS Active ingredient produced in the United Kingdom and/or China

### NOTIFICATION

102007-9

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

09/15/2025

### NET CONTENTS: As Marked on Container

[Box and bullet format for FIRST AID section is optional]

[In the text "this product" or alternate brand name may be substituted for DV10456 product name]

[Information in brackets [ ] is optional or instructional; italics in brackets indicate instructions not part of labeling.]

7/16/25

## **PRECAUTIONARY STATEMENTS**

### **HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**Corrosive.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed, absorbed through the skin, or inhaled. Do not breathe vapor or spray. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear coveralls over long-sleeved shirt and long pants, chemical-resistant footwear, waterproof or chemical-resistant rubber gloves and protective eyewear or goggles when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish. 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.

#### **Hydraulic Fracturing [Not for Use in California]**

This product should be added to the frac water storage tanks or directly into the well head injection pipeline as the water is being pumped down-hole. Add 260-1550 ppm of this product (45-271 ppm THPS), depending on the degree of bacterial fouling in the source water.

## **STORAGE AND DISPOSAL**

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

**STORAGE:** Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration. In case of a spill, flood the area with large quantities of water.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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.

**CONTAINER HANDLING AND DISPOSAL: Nonrefillable container [greater than 5 gallons].** Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning if appropriate, or puncture and dispose of in sanitary landfill. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain 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.

**Refillable container.** Refill this container with THPS only. Do not reuse this container for any other purpose. Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Pressure rinse the container for final disposal as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain 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.

*[Bulk Shipment Transport Vehicles: In accordance with 40 CFR 156.140 (e) "Exemption for transport vehicles" transport vehicles are exempt from the requirements to provide refillable or nonrefillable container instructions, therefore, only pesticide storage and disposal is required on bulk transport vehicle labeling]*

**Note:** To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. To the extent consistent with applicable law, buyer assumes all risk of use and/or handling of this material, when such use and/or handling is contrary to label directions.

[TOLCIDE® is a registered trademark held by Energy Solutions (US) LLC]