



SOIL BINDER EC[®]

CONTAINS NON-PLANT FOOD INGREDIENTS

ACTIVE INGREDIENTS:

30.0%	Acrylamide/Acrylate Co-Polymer
21.5%	Aliphatic Hydrocarbons
1.8%	Sorbitan Monooleate
2.5%	Alcohol Ethoxylate
44.2%	Inert Ingredients

All ingredients are exempt from tolerance requirements under 40 CFR 180.1001.
Weight per gallon: 8.7 lbs. per gallon at 68°F



KEEP OUT OF REACH OF CHILDREN

WARNING

MAY BE HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION.
CAUSES EYE IRRITATION. DO NOT FREEZE. SLIPPERY WHEN WET.

PRECAUTIONARY STATEMENTS: Read label before use. Do not breathe fume / gas / mist / vapors / spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

PERSONAL PROTECTIVE EQUIPMENT: Wear protective gloves / protective clothing / eye protection / face protection. Take off contaminated clothing and wash it before reuse.

FIRST AID: IF SWALLOWED Rinse mouth. Do NOT induce vomiting. **IF ON SKIN** Wash with plenty of soap and water. If skin irritation persists: Get medical advice / attention. **IF INHALED** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing cautiously. If eye irritation persists: Get medical advice / attention.

STORAGE Keep container tightly closed. Keep only in original container.

SEE BACK PANEL FOR USE DIRECTIONS.

FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE CALL CHEMTREC (800) 424-9300.

GENERAL INFORMATION

SOIL BINDER EC is a liquid formulation, agricultural soil erosion polymer designed to stabilize soil structure during irrigation. SOIL BINDER EC may be applied through any mechanically driven sprinkler system (center pivot, lateral move, wheel drive, etc.) equipped for injection. Sprinkler applications of SOIL BINDER EC differ from furrow applications of agricultural soil erosion polymer only in that the entire field surface is treated.

USE PRECAUTIONS

DO NOT PRE-MIX AND DIRECTLY APPLY SOIL BINDER EC WITH CROP PROTECTION PRODUCTS SUCH AS HERBICIDES, INSECTICIDES, OR FUNGICIDES. SOIL BINDER EC CAN BE APPLIED WITH LIQUID FERTILIZER ONLY IF A JAR TEST INDICATES THAT COMPATIBILITY IS SUITABLE FOR USE WITH THE APPLICATION EQUIPMENT.

SOIL BINDER EC®

USE SUGGESTIONS

SOIL BINDER EC can be used in every irrigation cycle. For most applications, optimum benefit will be provided when applications are made as follows:

- First irrigation.
- First irrigation following cultivation, hilling, or other soil tillage operations.
- In each alternating irrigation cycle.

SOIL BINDER EC, when used through sprinkler systems, will reduce or prevent irrigation induced soil erosion, improve water infiltration, and reduce soil crusting. SOIL BINDER EC is most effective when applied to dry soil.

NOTE: If crusting has occurred prior to SOIL BINDER EC application, treatment will not restore the soil structure. Furthermore, cultivation or tillage operations following fresh applications of SOIL BINDER EC will destroy the beneficial effects of treatment.

Application Calibration Chart for Sprinkler and Center Pivot Irrigation:

Acre Inches of Water Applied	SOIL BINDER EC Application Rate
0.50 inch	4 pints per acre
0.75 inch	6 pints per acre
1.00 inch	8 pints per acre

IMPORTANT: Clean up Spills!

Spills of SOIL BINDER EC are very slippery and should be disposed of by mixing with soil or other absorbent material, scooped, placed in a suitable container and disposed of in an approved landfill or by other procedures approved by state and local authorities. Thoroughly rinse area with clean water.

Do not use air pressure or apply heat with open flame to remove contents on container. After emptied, container may retain solid, liquid, and/or vapor residues. Continue to observe all precautions, if any, on label. Do not cut, puncture, torch, or weld on or near emptied container. Do not use for other purposes.

PROCEDURES FOR INJECTING SOIL BINDER EC INTO IRRIGATION STREAM

CAUTION: The presence of debris or water in the injector tank when SOIL BINDER EC is added may cause plugging of the system and damage to the injector pump. Follow these directions carefully:

EQUIPMENT PREPARATION

- 1) The injector tank must be thoroughly cleaned of previously applied product (fertilizer, pesticides, etc.)
- 2) Injector tank must be completely dry - small amounts of water in the injector tank will "gel" SOIL BINDER EC causing problems with injector performance.
- 3) The injector metering pump, induction tube, and delivery tube must be completely free of water.
- 4) Remove fine mesh screens (<20).
- 5) Disconnect the induction tube from the metering pump.
- 6) Clean the tank with mineral oil and coat sides of tank with mineral oil.
- 7) Connect induction tube to metering pump.

APPLYING SOIL BINDER EC

- 1) Add 3-4 gallons of mineral oil to the injection tank.
- 2) Charge the injector pump, induction tube, and delivery tube to the point of entry into the irrigation system in order that the entire system is "loaded" with mineral oil.
- 3) Add recommended amounts of SOIL BINDER EC (Application

Calibration Chart) to the injector agitation tank. Turn on the sprinkler system and injection system applying the SOIL BINDER EC throughout the irrigation set.

NOTE: Fill the injection tank with only the needed amount of SOIL BINDER EC. Do not store extra SOIL BINDER EC in the injection tank between irrigation cycles.

EQUIPMENT CLEAN UP

Following the completion of a SOIL BINDER EC application, disconnect the induction tube and clean the injector tank with high pressure washing. Add 3-4 gallons of mineral oil to injector tank and pump mineral oil through injection equipment.

STORAGE AND DISPOSAL

STORAGE: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90°F. Do Not Freeze.

DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) during mixing and 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 and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-jr.com>

DISCLAIMER OF WARRANTIES: Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

SOIL BINDER EC® is a registered trademark of J.R. Simplot Company.

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NET CONTENTS: _____ GALLONS / _____ LITERS

Manufactured by:



J.R. SIMPLOT COMPANY

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