

# RESERVOIR<sup>®</sup>

## SP

### SOIL WETTER / MOISTURE RETENTION AID

#### NON PLANT FOOD INGREDIENTS:

6.6%	.....	Polyacrylamide
3.4%	.....	Oxirane-methyloxirane copolymer
3.4%	.....	Alkylarylphenol ethoxylate
86.6%	.....	Inert ingredients
100%	.....	TOTAL

All ingredients are exempt from tolerance under 40 CFR 180. Patent Pending

## KEEP OUT OF REACH OF CHILDREN WARNING



May be harmful if swallowed. Causes skin irritation. May be harmful if inhaled.

#### PRECAUTIONARY STATEMENT

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May be harmful if swallowed. Causes skin irritation. May be harmful if inhaled. Keep out of reach of children. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

**Personal Protective Equipment (PPE):** Wear protective gloves/ protective clothing/ eye protection/ face protection.

**NET CONTENTS: 2.5 GALLONS (9.46 L)**  
**7.6 pounds per gallon at 68 degrees Fahrenheit**

#### FIRST AID

##### CALL A POISON CONTROL CENTER OR DOCTOR IMMEDIATELY FOR TREATMENT ADVICE.

*Have the product container with you when calling a poison control center or doctor, or going for treatment.*

**EYE CONTACT - IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. Have the product container with you when calling a poison control center or doctor, or going for treatment.

**SKIN CONTACT - IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. If skin irritation occurs: Get medical advice or attention.

**INGESTION - IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice if you feel unwell.

**INHALATION - IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

SN: 0513/0914



MANUFACTURED FOR

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## GENERAL INFORMATION

**RESERVOIR® SP** contains a special mixture of ingredients that perform synergistically to both wet hydrophobic soils and retain moisture in the soil profiles. Use **RESERVOIR® SP** as a superior irrigation management tool that provides dependable soil wetting over a wider range of conditions than standard soil wetters. The combination of surfactants and humectants puts water in the right area and holds it there better for good plant growth and additional plant vigor.

**RESERVOIR® SP** is designed to improve moisture retention in areas that do not hold water well. Use **RESERVOIR® SP** in turf and ornamental areas such as dry, sloped or where moisture permeation and retention is less than optimal. In ornamental sites, take care to keep spray directed at the ground.

## DIRECTIONS FOR USE

**RESERVOIR® SP** may be applied with hand held or ground applied spray equipment, hose end applicators or may be injected through irrigation systems. Care should be taken by testing this product on sensitive plants before full application is performed. Apply on 30 day intervals or as needed.

**RESERVOIR® SP** can be used on fairways, roughs, approaches, commercial and residential turf, athletic fields, parks, institutional and other similar turf sites. Use on golf greens and tees should be applied at the highest dilute rate. Additional soil wetters such as One Putt, Injector or Soaker Plus can be applied with **RESERVOIR® SP** to aid in infiltration and to reduce irrigation puddling.

**Premixing:** Do not premix this material with fertilizers, pesticides or other materials. Add to directly water in spray tank or inject into irrigation only.

**Spray tank mix:** Prior to adding **RESERVOIR® SP** to the tank, insure that the tank is clean from any residue from previous applications. Use a tank cleaner such as Wipe Out and rinse thoroughly. **RESERVOIR® SP** can be tank mixed with water or other soil wetting agents. Prior to any additional tank mix combinations please consult your Helena Representative. Tank mix combinations with **RESERVOIR® SP** are at the sole discretion of the applicator and should be jar tested prior to mixing and application. Follow application rates below adding **RESERVOIR® SP** directly to tank water with agitation running.

**Irrigation injection:** Using the application rate below, add **RESERVOIR® SP** into the

irrigation by means of a metering pump.

**Nozzle recommendations:** Use ASABE coarse, or extra coarse or flood-type nozzles only for ground, pull behind and hand applications. Spray immediately after mixing if used in a tank mix. The use of fine or medium spray nozzles or allowing the mixture to sit for more than 4 hours may cause issues during application.

**Post application:** Immediately after application, follow product with 1/2 to 1 inch of irrigation over the entire application area. **Note:** Until this post application irrigation is performed, the area will be slippery. Anti-slip safety precautions must be used.

## APPLICATION RATES

**Irrigation Injection:** Inject 2-3 qts of **RESERVOIR® SP** per acre through the standard irrigation cycle.

**Ground applied Spray Equipment:** 2-3 qts per acre in 80-130 gallons of water per acre.

**Hand Held Spray Equipment:** 1.5-2.5 oz per 1000 sq ft. with enough water to provide adequate coverage of **RESERVOIR® SP**.

**Hose End Applicator:** Calibrate hose end applicator to deliver 1.5 oz – 2.50 oz of **RESERVOIR® SP** per 1000 sq ft.

**Ornamentals:** Use 2 qts per 100 gallons of water and apply to soil or potting media until wet.

## 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.

**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) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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](http://www.acrcycle.org).

## CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

**Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.**

This label is believed to be reliable and must be followed carefully. Injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used.

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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