

# OxyChem®

## SODIUM CHLORATE CRYSTAL

|                    |  |        |
|--------------------|--|--------|
| Active Ingredient: | Sodium Chlorate (NaClO <sub>3</sub> )..... | 99.7 % |
| Inert Ingredient:  | .....                                      | 0.3 %  |
| TOTAL              |  | 100 %  |

### WARNING

KEEP OUT OF REACH OF CHILDREN

#### STATEMENT OF HAZARDS:

MAY BE FATAL IF SWALLOWED • STRONG OXIDIZER • CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE • MAY CAUSE IRRITATION BY ALL ROUTES OF EXPOSURE

OxyChem Sodium Chlorate Crystal can be applied dry in the crystal form or as a water dilution spray. As a weed killer it is most effective when applied directly to the soil. However, when it is used as a cotton defoliant, a water dilution spray is more effective. Nonagricultural uses include treatments of drainage ditches, fence rows, roadsides, rights-of-way and industrial sites. Application as directed can result in the loss of soil productivity for an extended period. Use only in accordance with recommendations on this label.

#### STATEMENT OF PRACTICAL TREATMENT:

##### FIRST AID:

If contact with the eyes occurs, immediately flush eyes with plenty of water, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. GET MEDICAL ATTENTION.

If contact with skin occurs, wash thoroughly with soap and water. Wash clothing before reuse, discard non-rubber shoes. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

If inhaled, if symptoms develop, get person out of contaminated area to fresh air.

If swallowed, NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have patient drink several glasses of water, then induce vomiting by having patient tickle back of throat with finger. Keep airway clear. GET MEDICAL ATTENTION IMMEDIATELY.

#### PRECAUTIONARY STATEMENTS:

##### Hazards to Humans and Domestic Animals:

**Warning:** Keep container closed except when transferring material. Do not get in eyes, on skin, on clothing. Use goggles, face shield and rubber shoes. Wear protective clothing and gloves made of vinyl, neoprene or rubber. Wash thoroughly after handling. Do not smoke in any sodium chlorate area. Do not allow animals to feed on areas treated with Sodium Chlorate Crystal until after a rain. Ingestion of relatively large amounts may be fatal.

##### ENVIRONMENTAL HAZARDS:

**Warning:** Sodium Chlorate is not selective in its action; its presence in the soil will destroy germinating seed and inhibit plant growth. This toxic effect is temporary but may persist for approximately one year or longer; duration will vary with rate of application, soil type, fertility level, organic matter content, soil moisture, and soil temperature. This product is toxic to fish and wildlife. Do not contaminate water when disposing of equipment washwaters. Do not allow entry to sewers, irrigation waters or waterways. Do not apply where product may be washed or leach to roots of desirable plants.

##### PHYSICAL AND CHEMICAL HAZARDS:

**Warning:** Sodium Chlorate, alone, does not burn. However, organic matter, including clothes, shoes, wood and dead vegetation impregnated with it may become dangerously flammable when dry. When Sodium Chlorate is applied as an aqueous spray, the clothing of the applicator is very likely to become contaminated. Unless contaminated clothing is washed immediately, it will be dangerously flammable upon drying. Do not burn the treated area; burning will reduce the killing effect. Do not apply Sodium Chlorate near valuable plants. Local conditions affect the use of herbicides. Agricultural experiment station or extension service weed specialists in the State issue recommendations to fit local conditions and their recommendations should be followed with OxyChem Sodium Chlorate Crystal. Organic materials impregnated with sodium chlorate become dangerously combustible when dry and may be ignited by friction or heat.

ACCEPTED

SEP 16 1992

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 935-30

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# OxyChem®

## SODIUM CHLORATE CRYSTAL

### DIRECTIONS:

It is a violation of Federal Law to use this products in a manner inconsistent with this labeling.

**HOW TO APPLY:** OxyChem Sodium Chlorate gives best results when applied directly to the soil or as an aqueous spray. One to one and one-half pounds of Sodium Chlorate will dissolve readily in one gallon of water. The solution should be applied at the suggested rates for the control of different grasses, weeds, and as a cotton defoliant.

**WHEN TO APPLY:** For best result, apply Sodium Chlorate from August through November in areas of light winter rainfall (8 to 20 inches). In areas of heavy winter rainfall (20 inches or more) applications should be made in the spring. Excessive moisture may carry the chemical through the root zone too rapidly and insufficient moisture may not carry it into the lethal zone, resulting in poor control of grasses and weeds. High soil temperature tend to reduce killing effects of Sodium Chlorate.

### RATES TO USE:

**Perennial Grasses:** To control such perennial grasses as Johnson, Bermuda, quack, para and others, apply 3 to 5 pounds per square rod or 1 to 2 pounds per 100 sq. feet.

**Perennial Broadleaf Weeds:** To control such weeds as bindweed, Canada thistle, leafy spurge, Russian knapweed, Hoary cress and other hard to kill perennials, apply 4 to 6 pounds per square rod or one and one-half to two and one-half pounds per 100 sq. feet.

**Cotton Defoliant:** For use as a cotton defoliant apply 3 to 5 pounds per acre. Apply when at least 70% of the bolls are open and 2 to 3 weeks prior to anticipated picking date. The youngest bolls expected to make cotton should be at least 30 days old. Do not use earlier than 30 to 40 days after cut-out (usually 40 in irrigated areas). Thorough coverage of the plant is essential. A second application may be necessary. Use the lower rate when the plants and weather conditions are ideal for defoliation. Low temperatures, or stressed, or very rank, tall cotton, would require the use of the highest rate. Do not apply during very high mid-day temperatures. Do not graze treated areas or feed gin waste to livestock.

**Spot Treatment:** For treating small areas, dry Sodium Chlorate Crystals may be applied by hand or with a spreader. A low pressure sprayer may be used to apply solutions of 1 to 1-1/2 pounds of Sodium Chlorate per gallon of water. Thoroughly wet the foliage of treated vegetation and dampen the soil surface under the plants.

**STORAGE AND DISPOSAL:** Product should be completely removed from this container. Material that cannot be used or chemically reprocessed should be disposed of in a manner meeting government regulations. Do not contaminate water, food, or feed by storage or disposal. Store separate from metals, acids, and easily ignitable substances. Dike and vent storage tanks. Use only metal containers for handling Sodium Chlorate Crystal and solutions. Thoroughly wash utensils and equipment after making applications of Sodium Chlorate.

**HMS RATING SYSTEM: HEALTH 2 FLAMMABILITY 0 REACTIVITY 3**

**BEFORE USING THIS PRODUCT, CAREFULLY READ THE "WARNING SECTION OF THIS LABEL.**

DISTRIBUTED BY  
OCCIDENTAL CHEMICAL CORPORATION  
PO BOX 344 NIAGARA FALLS, NY 14302

EPA REG. No. 935-30

EPA EST. NO. 57379-CN002  
EPA EST. NO. 57379-CN003  
EPA EST. NO. 57379-TX-1  
EPA EST. NO. 935-LA51

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