

SODIUM CHLORATE

ACTIVE INGREDIENT:
Sodium Chlorate (NaClO₃)..... 99.5%
INERT INGREDIENTS:..... 0.5%

Clothing, vegetation and other organic materials contaminated with chlorate or wet with chlorate solutions and dried are DANGEROUSLY FLAMMABLE. Keep from contact with sparks, impact, abrasion or any other sources of heat. Remove clothing and wash thoroughly with water. Do not wear leather gloves, shoes or belts. Wear rubber boots and apron to avoid contact with clothing.

Harmful if swallowed. Avoid inhalation of dust. Avoid contamination of feed and foodstuffs.

Spillage may cause fires. Do not get on floor. Sweep into clean metal container and remove immediately. Keep away from fire. Do not smoke when handling. Do not skid or slide containers. When not in use, keep tightly closed in original metal container. Store separately and keep from contact with explosives, flammable materials, acids, sulfur, phosphorus, metal powders and other oxidizable materials.

Areas treated for vegetation control constitute a serious fire hazard. Keep persons and animals off treated areas. Do not apply sodium chlorate in areas where fire may be a hazard, such as around lumber yards, sawdust piles, oil storage or handling sites, or where combustibles may be exposed.

KEEP OUT OF REACH OF CHILDREN

DO NOT APPLY BEFORE CONSULTING WITH YOUR STATE AGRICULTURAL
EXPERIMENT STATION OR STATE AGRICULTURAL EXTENSION SERVICE
AUTHORITIES FOR SPECIFIC RECOMMENDATIONS

USDA REG. NO. 744-65

5-69

ACCEPTED
12/15/69
UNDER THE FEDERAL INSECTICIDE
HERBICIDE AND FUNGICIDE ACT
BY THE UNITED STATES DEPARTMENT OF AGRICULTURE
EPA REG. NO. 744-65

Comments
2342-847

DIRECTIONS FOR USE

AS A NON-SELECTIVE HERBICIDE: Sodium chlorate plus suitable fire retardant can be applied in either liquid or dry form. Dry application can be made by hand or mechanical spreader. In areas of heavy winter rainfall (20 inches or more) apply in the spring. In areas of light winter rainfall apply from August to November. Liquid application should be done with a coarse sprayer to obtain good coverage.

Suggested mixing ratio is 2 lbs. of sodium chlorate with 1.5 to 2 lbs. of a fire retardant such as sodium carbonate, sodium metaborate, sodium pentaborate or magnesium chloride on an anhydrous basis. Magnesium chloride should only be used in areas of high humidity. Sodium chlorate and sodium carbonate solutions can be corrosive if used with aluminum tanks or equipment. Due care should be exercised.

To control annual weeds and grasses on non-crop areas, apply 1/2 to 1 1/2 lbs. sodium chlorate per 100 square feet. To control Johnson grass, Bermuda grass, Quack grass and other perennial grasses on highways, road sides, ditch banks, parking areas, paving substructures, and other similar non-crop areas, apply 1 to 2 lbs. sodium chlorate per 100 square feet. To control Bindweed, Canada Thistle, Klamath Weed, and other perennial weeds on highways, road sides, ditch banks, landing fields, parking areas, and other similar non-crop areas, apply 1 1/2 to 2 1/2 lbs. sodium chlorate per 100 square feet. Do not apply sodium chlorate on or near valuable plants or agricultural crops. Do not contaminate water used for domestic or irrigation purposes. Observe local ordinances regarding the use of non selective herbicides.

AS A COTTON DEFOLIANT SPRAY: Liquid defoliant concentrates are prepared from sodium chlorate plus one of the following fire retardants: sodium carbonate, sodium metaborate, sodium pentaborate, magnesium chloride. The usual following fire retardants: sodium carbonate, sodium metaborate, sodium pentaborate, magnesium chloride. The usual