COASTAL CCC CHEMICAL CORP

BROZONE

SOIL FUMIGANT

Many

Plants

Active Ingredients:

Methyl Bromide	55.5
Chloropicrin	14
Inert Ingredients: Petroleum hydrocarbons	30.0

U.S.D.A. Registration No. [illegible]

A [illegible] soil fumigant for the control of [illegible] certain plant beds, nurseries and certain [illegible] controlled are root-knot, lesion, dagger, stunt, [illegible] stubby, pin, and certain other species; insects such as [illegible] grubs in the soil at the time of treatment are also [illegible] weeds controlled are chickweed, pigweed, nutgrass, [illegible] grass, crabgrass, barnyardgrass, purslane, wild morning [illegible] many other broadleaved weeds and grasses. BROZONE soil fumigant [illegible] excellent performance in fruit and forest tree [illegible] as for growing annual and perennial flowers, [illegible] of strawberry plant beds, and in soil where strawberries [illegible] are [illegible] crops.

DIRECTIONS FOR APPLICATION AND PLANTING

WHEN TO TREAT: Treatments can be made in the spring, summer, or fall whenever soil conditions are suitable. In northern states, late summer or early fall treatments are best for land to be planted to early spring crops.

SOIL PREPARATION: To facilitate fumigant penetration, plant refuse should be worked into the soil and time allowed to decompose before treating. Soil must be in good workable seed bed condition, warm, preferably 50 to 80° F at a depth of four inches, with moisture adequate for good seed germination. Do not treat if the soil temperature is below 45° F at the five-inch level. Pre-treatment tillage to a depth of 12 to 18 inches often improves results on heavy or muck soils.

APPLICATION: A [illegible] hand-type applicator is used to [illegible] BROZONE soil fumigant about 5-8 inches in the soil. Due to the volatility of this fumigant, treated areas must be covered with a polyethylene film or other suitable barrier [illegible] escape after application. Exposure periods vary [illegible] BROZONE soil fumigant is toxic to plants. Therefore do not apply [illegible] containing seeds of desirable plants. The edges of the barrier should be placed 12 to 18 inches away from the foundation of the plants.

[illegible] BROZONE [illegible] the [illegible] the [illegible] of the fumigant.

EXPOSURE PERIOD AFTER APPLICATION

[illegible] temperatures above 60° F [illegible] the treated soil [illegible] for at least 48 hours to maximum fumigant diffusion. For soil temperatures [illegible] the exposure period to 3 or 4 days for [illegible] crops are obtained from the application where the [illegible] are effective in winter.

DOSAGE RE[illegible]

[illegible]

DOSAGE CALIBRATION CHART

Dosage Pounds Per Acre	2 Miles Per H: Orifice Diameter In Inches	2 Miles Per H: Approximate Pressure PSI	4 Miles Per H: Orifice Diameter In Inches	4 Miles Per H: Approximate Pressure PSI
350	043	31	055	32
500	055	30	063	36
600	055	38	063	44

WHEN TO PLANT AFTER THE EXPOSURE PERIOD

Crops can usually be seeded 2 to 3 days after the cover is removed. For transplants aerate the soil 7 to 10 days prior to planting. NOTE: To avoid the possibility of exceeding bromide tolerances allow an aeration period of at least 2 weeks when transplants of strawberries and tomatoes for fruit production are set in fumigated fields. If rains or soil temperatures below 60° F occur during aeration, delay seeding or planting until the soil [illegible] tilled to a tillable condition with suitable moisture and temperature [illegible] good plant growth.

USE PRECAUTIONS

NOTE CAREFULLY: [illegible]

[illegible]

DANGER

[illegible] OF REACH OF CHI[illegible]

HIGHLY VOLATILE LIQUI[illegible]

LIQUID MAY CAUSE BUR[illegible]

VAPORS MAY [illegible] FATAL IF IN[illegible]

Do Not Breathe Vapor • Keep Away f[illegible]

Do Not Get in Eyes, on Skin, on Cl[illegible]

POISON

SEND FOR A DOCTOR IMMEDIATELY IN CASE [illegible]

ANTIDOTE: No known antidote, treat symp[illegible]

KEEP CHILDREN AND ANIMALS AWAY FR[illegible]

UNDER TREATMENT

DO NOT SPILL OR DISCHARGE CONTENTS OUTSIDE GROUND C[illegible]

NOTICE [illegible]

• Brozone — Trademark of The Dow Chem[illegible]

NE SOIL FUMIGANT

To Control Many Weeds, Grasses, Nematodes And Insect Pests In Plant Beds And Nurseries

ECOMMENDATIONS

	500
	350
	500
	600

[illegible] these table tops are [illegible] 12 inches apart

CALIBRATION CHART

Tractor Speed		
Hour	3 Miles Per Hour	
Approximate Pressure psi	Orifice Diameter In Inches	Approximate Pressure psi
31	055	32
30	063	36
38	063	44

FTER THE EXPOSURE PERIOD

2 to 3 days after the cover is removed. For o 10 days prior to planting. NOTE: To avoid omide tolerances allow an aeration period of lants of strawberries and tomatoes for crop ed fields. If rains or soil temperatures become elay seeding or planting until the soil [illegible] with suitable moisture and temperature for

PRECAUTIONS

[illegible] seeds or crop remains [illegible] seeds in the fumi- [illegible] where heavy rainfall may cause [illegible] trenches around the area to as[illegible] [illegible] ated portion. Suitable wooden-fram[illegible] [illegible] the treat[illegible] beds are also satisfactory for preventing [illegible] contamination.

CAUTION: Food crops other than strawberries and tomatoes should not be grown to maturity in soil treated with BROZONE.

Under certain conditions BROZONE soil fumigant may be severely corrosive to certain metals. Do not use containers or application equipment made of aluminum, magnesium or their alloys. Clean application equipment immediately after use by flushing thoroughly with diesel oil or kerosene. Store BROZONE soil fumigant in tightly closed cylinders in a cool place away from dwellings and out of the reach of children.

DANGER

KEEP OUT OF REACH OF CHILDREN
HIGHLY VOLATILE LIQUID
LIQUID MAY CAUSE BURNS
VAPORS MAY BE FATAL IF INHALED
Do Not Breathe Vapor • Keep Away from Heat
Do Not Get in Eyes, on Skin, on Clothing

POISON

SEND FOR A DOCTOR IMMEDIATELY IN CASE OF AN ACCIDENT
ANTIDOTE: No known antidote; treat symptomatically.
KEEP CHILDREN AND ANIMALS AWAY FROM PLOTS UNDER TREATMENT

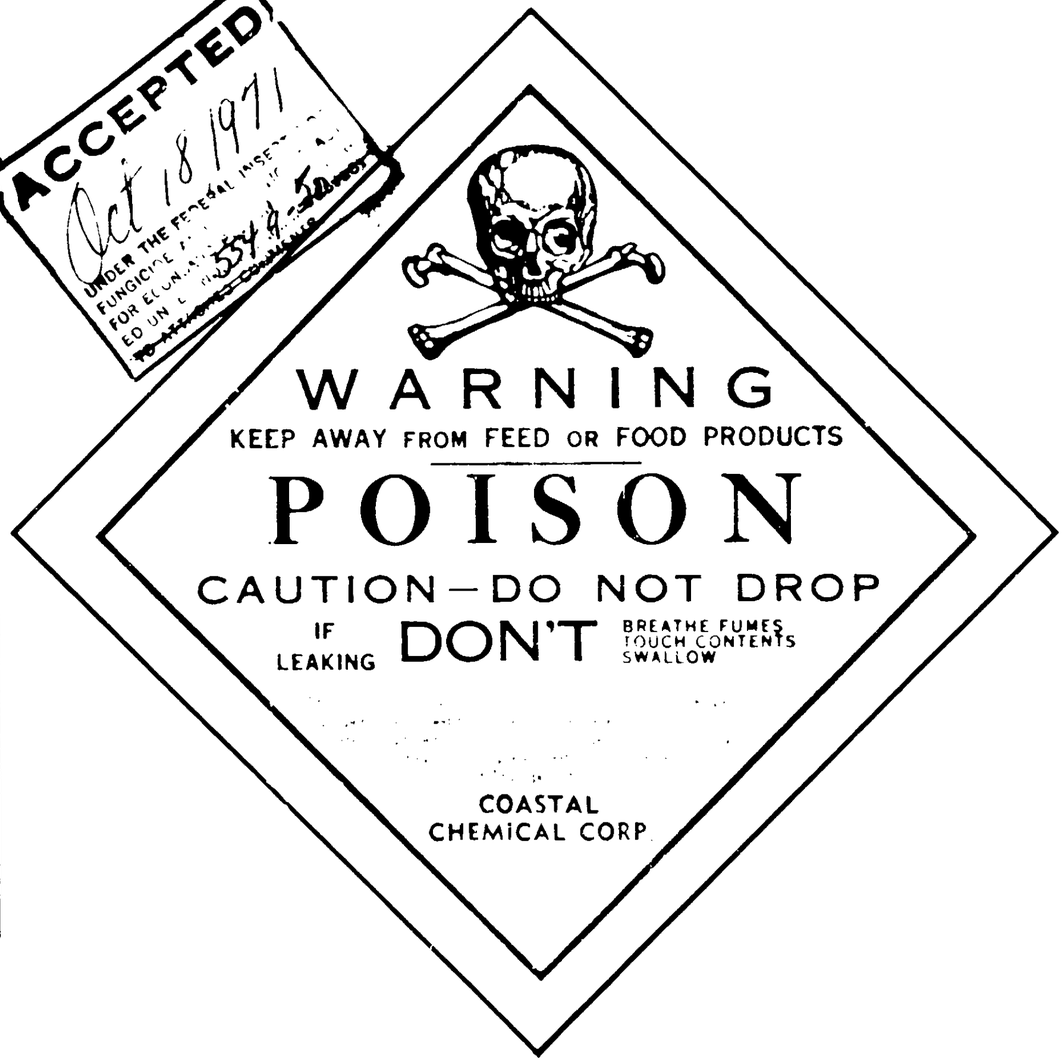
DO NOT SPILL OR DISCHARGE CONTENTS OUTSIDE GROUND COVER

NOTICE

[illegible] MERCHANTA[illegible]

• Brozone — Trademark of The Dow Chemical Company

ACCEPTED
Oct 18 1971
UNDER THE FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT FOR ECONOMIC POISON
EPA Registration No. 5549-5



METHYL BROMIDE—CHLOROPICRIN MIXTURE, LIQUID

Manufactured by

Coastal Chemical Corp.

GREENVILLE, N. C.