



TECHNICAL DATA SHEET

**Product Name: JUDGEMENT DAY
NON-SELECTIVE WEED KILLER
SUPER CONCENTRATE**

Product Number: MARC 45

Features: **MARC 45 Judgement Day Non-Selective Weed Killer Super Concentrate** is a fast-acting water-based liquid for total vegetation control. ★ It kills weeds and their germinating seeds. ★ It prevents vegetation growth for up to one year. ★ It works in two ways: 1. It is a pre-emergent and, 2. It is a post-emergent plant control. ★ **Judgement Day** kills weeds and grasses, roots and all. ★ It is rain-fast within one hour. ★ It does not require rainfall to activate it. Do not apply M-45 around or in the root zone of desirable trees, plants and shrubs!

M-45 Judgement Day contains two weed killers: Glyphosate which is a broad-spectrum, post-emergence, translocated herbicide, and Imazapyr which is a non-selective herbicide that is absorbed by the leaves and roots and moves rapidly throughout the plant. Results are usually evident in several days, and the plant is usually killed within two weeks. Applications of **Judgement Day** usually results in a non-productive condition of the soil for a period up to a year. The duration of non-productivity is dependent upon rainfall, soil type and other conditions. M-45 is not a restricted use pesticide in the State of Texas, so no license is required there.

For Use On: Ramps, fencerows, railroad sidings, in storage yards, parking lots, around buildings, industrial plant sites, lumber yards, utility lines and pipelines, schools, highway authorities, vacant lots.

RESTRICTIONS:

- Apply on a sunny day with temperatures above 60°F.
- Do not apply to or allow product to drift onto desirable plants.
- Only apply to areas where no vegetation is desired for one year.
- Avoiding product runoff to nearby desirable plants.
- Do not apply near bodies of water including, fish pools, ponds, lakes or streams.
- Do not apply over the roots systems or desirable plants. For trees and shrubs do not apply closer than twice the distance from the trunk to the drip line as roots may be within this area.
- Do not apply to slopes in landscape as movement on soil surfaces may damage desirable plants down slope.
- Do not apply next to a fence if desirable vegetation is growing on the other side, or if future planting is intended.
- Do not use before planting lawns, fruits, vegetables, flowers, or other plants because this product remains active in soil for up to one year.
- In soils with heavy clay, weed control may exceed one year.
- Do not use on desirable lawns.
- Do not apply when wind speeds are greater than 10 miles per hours.
- Do not apply to powdery, dry or light sandy soils when the soil may be blown by wind. If necessary soil surface should be settled by rain or irrigation.

Product Specifications:

Active Ingredients: Glyphosate, isopropylamine salt: 43.68%, Imazapyr, isopropylamine salt: 0.78%
Other Ingredients: 55.54%
Appearance: Clear yellow water-based liquid
Odor: Slight, mild
pH: 4-6
Weight per Gallon: 9.8 pounds
Typical Use Rate: 8 ounces per gallon of water

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