

**PLANTVAX® 75WP**

Uniroyal Chemical Company, Inc.  
World Headquarters  
Middletown, CT 06749  
MSDS No. A385005

**UNIROYAL Emergency Phone:** (203) 723-3670

**CHEMTREC Transportation Emergency Phone:** 1-800-424-9300

**SAFETY DATA Information:** (203) 573-3303

**Date Issued:** 10/15/85

**Date Revised:** 10/1/98; **Supersedes:** 6/30/93 **R-5**

**NOTE TO END-USERS:** This MSDS is being provided to all interested persons in accordance with federal and state right-to-know laws. Precautionary Statements, Statements of Practical Treatment and Directions for Use of this product by end-users are contained on the product label and must be followed at all times.

**IDENTIFICATION**

**Trade Name:** PLANTVAX® 75WP

**CAS Number:** 5259-88-1 (active)

**Chemical Name:**

**Chemical Family:** Oxathiin

5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide 4,4-dioxide ..... 75%

Inerts: ..... 25%

**Common Name:** Oxycarboxin

**SPECIAL REGULATORY HAZARDS**

Ingredient	CAS No.	Exposure Limit	OSHA (1910.1200)	EEC*
Product Mixture		NA	Not hazardous	Not hazardous
Kaolin clay	1332-58-7	10 mg/m <sup>3</sup> (OSHA, ACGIH)	Nuisance particulate	NA

**Hazard assessment based on available data.**

**Transportation:** NA

**PHYSICAL DATA**

**Appearance and Odor:** Off-white powder; no odor.

**Solubility:** 3% in water @ 20°C

**Specific Gravity (H<sub>2</sub>O=1):** 1.57

**Vapor Pressure @ 20°C:** 1.0 mm Hg

**Vapor Density (Air = 1):** ND

**Volatility @ 70°F:** ND

**Melting Point:** ND

**Boiling Point:** NA

**Other Data:** Bulk Density: 0.25 - 0.29

**FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** 94°C (201°F) TCC

**Extinguishing Media:** Water spray, dry chemical.

**Autoignition Temperature:** 443°C (830°F)

**Flammable Limits:** ND

**Special Fire Fighting Procedures:** Protect against inhalation of combustion products.

**Unusual Hazards:** None identified.

**REACTIVITY DATA**

**Stability:** Stable at ambient temperatures and pressures.

**Incompatibility:** Strong alkalis.

**Decomposition Products:** Oxides of sulfur under burning conditions.

**SPECIAL PROTECTION INFORMATION**

**Engineering Controls:** Sufficient ventilation to minimize dust exposure.

**Personal Protection Equipment:** Avoid all personal contact. Observe good personal hygiene. Chemical resistant gloves, protective clothing and eye protection should be worn when handling. Laundry clothing before reuse. In the absence of adequate ventilation, use NIOSH-certified **respiratory protection**.

**NOTE TO END-USERS:** The employee protection recommendations on this MSDS may differ from those on the product label. For normal use of this product, always refer to the personal protective equipment requirements on the product label.

**STORAGE, SPILLS AND DISPOSAL INFORMATION**

**Storage:** Do not contaminate water, food or feed by storage or disposal. Store in a dry location.

**Spills:** Vacuum up to avoid creating dust. Transfer into secure containers for proper disposal. Use personal protective equipment as outlined above.

**Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Environmental Information:**

**Bluegill Sunfish:** 96 hr LC<sub>50</sub> - 20 ppm

**Rainbow Trout:** 96hr LC<sub>50</sub> - 28 ppm

**Bobwhite Quail:** LC<sub>50</sub> - 5620 ppm

These data indicate that PLANTVAX-75W is not toxic to fish and birds.

**HEALTH RELATED DATA**

**SPECIFIC HAZARDS:** Contact with eyes and skin may cause irritation. Chronic inhalation may cause lung damage. Individuals with respiratory problems should avoid inhalation exposure.

**Primary Route(s) of Entry:** Inhalation, skin absorption.

**First Aid Procedures:**

**IF SWALLOWED:** Induce vomiting and see a physician.

**IF INHALED:** See a physician if an abnormal reaction occurs.

**IF ON SKIN:** Wash thoroughly with soap and water.

**IF IN EYES:** Immediately flush eyes with plenty of water. See a physician.

**TOXICOLOGY INFORMATION:**

**Oral toxicity:** LD<sub>50</sub> (rats) - 2.57 g/kg

**Dermal toxicity:** LD<sub>50</sub> (rabbits) - > 8 g/kg

**Inhalation toxicity:** LC<sub>50</sub> (rats) - > 6.5 mg/l

**Irritation:** eye (rabbits) - slight

skin (rabbits) - slight

**Chronic:** The feeding to rats and dogs of up to 300, 1000 and 3000 ppm Plantvax Technical for two years demonstrated no observable effect level to be 1000 ppm. No effects were seen on reproduction in a three-generation rat study at these dietary levels.

The product contains clay and or diatomaceous earth which contains crystalline silica (0.34%), a naturally occurring component of sand and inorganic soils. Crystalline silica has been classified as a 2A carcinogen by the International Agency for Research on Cancer (IARC).

**NA** = Not Applicable

**ND** = Not Determined

\* European Economic Community

Uniroyal makes no representation or warranty with respect to the information in this Material Safety Data Sheet. The information is however, as of this date provided, true and accurate to the best of Uniroyal's knowledge. This list of information is not intended to be all inclusive. Actual conditions of use and handling may require considerations of information other than, or in addition to, that which is provided herein.