

**UNIROYAL
CHEMICAL**

Material Safety Data Sheet

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R-1

IDENTIFICATION

Trade Name: **WYTOX® 312**CAS Number: **26523-78-4**Chemical Name: **Tri-(mono nonylphenyl)
phosphite**Chemical Family: **Organophosphite**

SPECIAL REGULATORY HAZARDS

<u>Ingredient</u>	<u>CAS No.</u>	<u>Exposure Limit</u>	<u>OSHA (1910.1200)</u>	<u>EEC*</u>
Product	26523-78-4	ND	Not hazardous	Not hazardous

Hazard assessment based on available data.

Transportation: **NA**

PHYSICAL DATA

Appearance and Odor: **Clear, light yellow viscous liquid; phenolic odor**Solubility: **Insoluble in water****Miscible with most organic solvents**Melting Point: **NA**Boiling Point: **ND**Other Data: **Pour point: -10°F (-23°C)**Specific Gravity (H₂O = 1): **0.96**Vapor Pressure @ 20°C: **ND**Vapor Density (Air = 1): **ND**Volatility @ 70°F: **Low**

FIRE AND EXPLOSION HAZARD DATA

Flash Point: **314°F (156°C) PMCC**Autoignition Temp: **455°F (235°C) Fire pt.**Extinguishing Media: **Water spray, dry chemical**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 oxidizing agents, moisture will cause to hydrolyze.**Decomposition Products: **Upon hydrolysis, phosphorous acid and phenols. Under burning conditions, oxides of carbon, phosphorous.**

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 the 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.

SPECIAL PROTECTION INFORMATION

Engineering Controls: Sufficient ventilation to minimize vapor exposure.

Personal Protection Equipment: Avoid all personal contact. Observe good personal hygiene. Impervious gloves and goggles should be worn when handling. In the absence of adequate ventilation, use NIOSH-certified respiratory protection.

STORAGE, SPILLS AND DISPOSAL INFORMATION

Storage: Store away from sources of direct heat in a dry area. Keep containers closed when not in use. Avoid any moisture contamination.

Spills: Absorb on inert material. Shovel into secure containers for proper disposal. Use personal protective equipment as outlined above.

Disposal: In accordance with any applicable local, state or federal regulations regarding organic waste.

Environmental Information: Environmental effects have not been determined.

HEALTH RELATED DATA

Specific Hazard(s): Contact with eyes may cause irritation. No chronic health effects have been identified. There are no known medical conditions that are aggravated by exposure to this material.

Primary Route(s) of Entry: Inhalation

First Aid Procedures: **Eye contact:** Flush with water for 15 minutes.

Skin contact: Wash thoroughly with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Drink a large quantity of water containing 2 tbsp. of activated charcoal to dilute.

Toxicology Information:

Oral toxicity: LD50 (rats) -> 5 g/kg

Dermal toxicity: LD50 (rabbits) -> 2 g/kg

Inhalation toxicity: LC50 (rats) -> 200 mg/l (1 hr.)

Irritation: eye (rabbits) - slight

skin (rabbits) - negative

MARKETED BY
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Carcinogenic per NTP IARC OSHA None X