



# MATERIAL SAFETY DATA SHEET

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## TRANSPORTATION EMERGENCY

CHEMTREC: .....(800)-424-9300

## EMERGENCY AND PRODUCT INFORMATION

OHP, Inc.: .....(800)-356-4647

### TRIATHLON™

EPA Registration Number: 58044-3-59807

#### I. PRODUCT INFORMATION

Product Name .....: Triathlon  
Chemical Family .....: Quaternary Amine  
Generic Name .....: Algacide - Fungicide  
Formula .....: Proprietary  
Proper Shipping Name .....: Liquid Fungicide  
Item # 102100 Sub 6 Class 70  
Hazard Class .....: Not Regulated

#### NPCA Hazardous Materials Identification System:

Health .....: 3  
Flammability .....: 0  
Reactivity .....: 0  
Maximum Personal Protection .....: B

#### II. HAZARDOUS INGREDIENTS

NAME CAS# Wt% PEL TWA STE CARCINOGEN

NONE

#### III. PHYSICAL DATA

Boiling Range .....: 212+  
Specific Gravity .....: 0.99  
Vapor Pressure .....: 20  
Vapor Density .....: >1  
% Volatile .....: 80  
pH .....: 7.0  
Solubility .....: 100%  
Evaporation Rate .....: <1  
Physical Description .....: Clear to straw colored liquid with characteristic odor

#### IV. FIRE AND EXPLOSION DATA

Flash Point .....: N/A  
Upper Exp Limit .....: N/A  
Lower Exp Limit .....: N/A  
Extinguishing Media .....: N/A  
Special Fire Fighting Procedures .....: N/A  
Unusual Fire & Explosion Hazards .....: N/A

#### V. REACTIVITY DATA

Stability .....: Stable  
Hazard Decomposition Products .....: None known  
Incompatibility .....: Anionic materials  
Hazardous Polymerization .....: Will not occur

#### VI. STORAGE AND HANDLING INFORMATION

Precautions to be taken in Handling & Storage:  
Keep out of reach of children. Read product label thoroughly prior to use. Keep container closed during storage.

#### VII. HEALTH HAZARDS

##### PRIMARY ROUTE OF ENTRY:

**Skin** .....: Skin irritant. May cause burning, redness or swelling. Prolonged or repeated exposure can cause dermatitis.  
**Eyes** .....: Eye irritant. Liquid and mists may damage the eyes causing corneal injury.  
**Inhalation** .....: Not a significant health hazard under normal use.  
**Ingestion** .....: May be irritating to the gastrointestinal system. Large doses can cause vomiting and diarrhea.

##### FIRST AID PROCEDURES:

**Skin** .....: Flush exposed area with large quantities of water. Seek medical attention if irritation persists.  
**Eyes** .....: Flush eyes with large quantities of water, holding eyelids open. Seek medical attention.  
**Inhalation** .....: Remove to fresh air.  
**Ingestion** .....: Give large quantities of water. Seek medical attention.

##### CHRONIC/SUB-CHRONIC DATA:

The following data pertains to studies done with the technical material, 80% Active Ingredient;

##### Subchronic Dermal Toxicity in Rats:

Slight irritation was noted in all treatment groups. No systemic toxic effects were observed at any dose level.

##### Chronic One Year Dietary Toxicity Study in Dogs:

Clear effect (1200 ppm) and No-effect (400 ppm) levels were determined for systemic toxicity. No specific organ toxicity was observed and treatment has no effect on survival.

##### Chronic Dietary Oncogenicity Study in Mice:

Clear effect (1500 ppm) and No-effect (<500 ppm) levels were determined. No specific organ toxicity was observed and treatment did not have any effect on survival.

##### Chronic Dietary Oncogenicity Study in Rats:

Clear effect (2000 ppm) and No-effect (1000 ppm) levels were determined. No specific organ toxicity was observed and treatment did not have any effect on survival or tumor incidence

##### MUTAGENICITY STUDY:

No evidence of mutagenicity was noted with or without metabolic activation or increase in unscheduled DNA synthesis.

#### VIII. SPECIAL PROTECTION INFORMATION

**Respiratory Information** .....: No special requirements  
**Protective Gloves** .....: Waterproof recommended  
**Other Protective Equipment** .....: N/A  
**Eye Protection** .....: Safety glasses recommended  
**Ventilation** .....: Provide local exhaust to keep TLV below acceptable limit.

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### IX. SPILL OR LEAK PROCEDURE

**Steps to be taken in case Material is Released or Spilled** : Mop up or otherwise absorb and hold for disposal.

**Waste Disposal Method** : Any method in accordance with local applicable law.

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