

AZATIN® O

EPA Registration Number: 70051-9-59807

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME Azatin O

EPA REGISTRATION NUMBER 70051-9-59807

PRODUCT FORMULATION : Emulsifiable Concentrate

PRODUCT USE Biological Insecticide /
Insect Growth Regulator

COMPANY NAME OHP, Inc.
P.O. Box 51230
Mainland, PA 19451
(800) 659-6745

EMERGENCY TELEPHONE NUMBERS:

TRANSPORTATION EMERGENCY CHEMTREC:
(800) 424-9300

EMERGENCY (24 hours a day) and PRODUCT INFORMATION (800) 356-4647

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	WT. %	OSHA		TLV's	
			PEL	TWA	STEL	
Azadirachtin	11141-17-6, 95507-03-2	4.5	N/A	N/A	N/A	

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW

This product is a dark brown liquid intended for use as a pesticide to control insects on agricultural crops. This product should pose no health concerns through normal use in accordance with label directions. Keep away from heat, sparks, or open flame.

Signal Word CAUTION

Potential Health Effects

ROUTE(S) OF ENTRY Eyes, skin, oral,
inhalation

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE None noted

ACUTE EYE CONTACT Causes substantial but
temporary eye injury

CHRONIC EYE CONTACT : Chronic exposure not
likely from normal use

ACUTE SKIN CONTACT May cause mild, revers-
ible skin irritation

CHRONIC SKIN CONTACT : Repeated exposure may
cause slight sensitization

ACUTE INGESTION LD₅₀ > 5,000 mg/kg

CHRONIC INGESTION Chronic exposure not
likely from normal use

ACUTE INHALATION LC₅₀ > 2.05 mg/L

CHRONIC INHALATION Chronic exposure not
likely from normal use

CARCINOGENICITY

NTP N/A

IARC N/A

OSHA N/A

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None noted

4. FIRST AID MEASURES

FIRST AID FOR EYES Hold eyelids open and
flush with a steady, gentle stream of water for at least
15 minutes. Get medical attention.

FIRST AID FOR SKIN Wash with soap and water.
Remove contaminated clothing. Seek medical at-
tention if irritation persists.

FIRST AID FOR INHALATION Remove to fresh air. Seek
medical attention if irritation persists. If not breath-
ing give artificial respiration, preferably mouth-to-
mouth.

FIRST AID FOR INGESTION Do not induce vomiting.
Drink 2-3 glasses of water. Contact a physician for
further treatment.

5. FIRE FIGHTING MEASURES

NFPA HAZARD

CLASSIFICATION HEALTH HAZARD 1
FIRE HAZARD 3
REACTIVITY 0

EXTINGUISHING MEDIA Dry chemical, carbon di-
oxide, alcohol or polymer foam

UNUSUAL FIRE AND EXPLOSION HAZARDS Flammable liquid. Keep
away from heat, sparks, or open flame

SPECIAL FIRE FIGHTING PROCEDURES None

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6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK

PROCEDURES : Wear SCBA, rubber boots, and heavy rubber glove. Shut off sources of ignition. Dike around spill, adsorb on sand or similar, and place in closed containers for disposal. Ventilate area and wash spill site after material pick-up. Avoid run-off into storm sewers and ditches which lead to waterways.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE

(MIN. / MAX.) : 50°F / 95°F 10°C / 35°C

SHELF LIFE : Stable for upwards of 2 years at 25°C

SPECIAL SENSITIVITY : Avoid temperature extremes, direct sunlight

HANDLING AND

STORAGE PRECAUTIONS : Keep container tightly closed when not in use. Store in a cool, dry place away from feed and foodstuffs. Keep away from heat, sparks, or open flame. Wear goggles and or face shield.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION

REQUIREMENTS : The use of safety goggles is recommended

SKIN PROTECTION

REQUIREMENTS : The use of chemical-resistant gloves is required

RESPIRATORY / VENTILATION

REQUIREMENTS : Use with adequate ventilation

EXPOSURE LIMITS : N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM : Liquid at 25°C

COLOR : Dark brown

ODOR : Disinfectant

BOILING POINT RANGE : Not determined

MELT POINT /

FREEZE POINT : Not determined

FLASH POINT : 153°F 67°C

AUTO IGNITION : N/A

UPPER EXPLOSIVE

LIMITS (UEL) : Not determined

LOWER EXPLOSIVE

LIMITS (LEL) : Not determined

pH : 5.8

SOLUBILITY IN WATER : Dispersible

SPECIFIC GRAVITY : 0.947 g/mL

BULK DENSITY : N/A

% VOLATILE BY WEIGHT : 54.50

VAPOR PRESSURE at 20°C : 2.14 mm Hg

VAPOR DENSITY : 3.94

10. STABILITY AND REACTIVITY

STABILITY : Stable

HAZARDOUS

POLYMERIZATION : Will not occur

INCOMPATIBILITIES : Acids, acid chlorides, oxidizing agents, reducing metals, alkali metals

DECOMPOSITION

PRODUCTS : None known

CONDITIONS TO AVOID : Keep away from heat, sparks, or open flame

11. TOXICOLOGICAL INFORMATION

Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Avoid contamination of feed and foodstuffs. Avoid breathing spray mist. In case of contact, flush eyes with plenty of water. If on skin, wash with soap and water. If irritation persists, get medical attention.

12. ECOLOGICAL INFORMATION

This product may be hazardous to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or in areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of water.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

METHOD : Rinse water and unused diluted pesticide may be disposed of on-site or in an approved waste disposal facility.

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14. TRANSPORTATION INFORMATION

D.O.T. PROPER

SHIPPING NAME : Ground Mode: Non bulk
package not regulated by DOT: Combustible liquid,
n.o.s.(isopropanol)

VESSEL AND

AIR SHIPMENTS : Flammable liquid, N.O.S.
(isopropanol), 3, UN1993, PG III

D.O.T. HAZARD CLASS : Not regulated in non-bulk
packaging

U.N. / N.A. NUMBER : N/A

PRODUCT RQ (lbs.) : N/A

D.O.T. LABEL : N/A

D.O.T. PLACARD : N/A

15. REGULATORY INFORMATION

OSHA STATUS : N/A

TSCA STATUS : N/A

CERCLA REPORTABLE

QUANTITY : N/A

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS

SUBSTANCES : N/A

SECTION 311/312

HAZARD CATEGORIES . . . : N/A

SECTION 313

TOXIC CHEMICALS : N/A

RCRA STATUS : N/A

16. OTHER INFORMATION

REASON FOR ISSUE : Updated to EU form of 16
chapters

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