

**MATERIAL SAFETY DATA SHEET**

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General Information No.  
In Case of Emergency, Call

1-877-AGRISEL (247-4735)  
1-877-854-2494

**I. PRODUCT IDENTIFICATION**

Product Name: Agrisel Carbait 5  
Active Ingredient: Carbaryl (5.0%)  
Chemical Name: 1-naphthyl N-methylcarbamate

**II. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Compound	% by wt.	CAS No.	OSHA PEL	ACGIH TLV
Carbaryl	5.0	63-25-2	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Amyl Acetate		628-63-7	100 ppm	100 ppm

**III. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**  
**KEEP OUT OF REACH OF CHILDREN**

**CAUTION:** Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear long sleeved shirt, long pants, shoes, socks, and chemical resistant gloves (such as or made out of any waterproof material selection category A).

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Discharge from rice fields may kill aquatic and estuarine invertebrates. Do not apply when weather conditions favor drift from area treated. Drift and run-off may kill aquatic invertebrates in water adjacent to treated areas. Do not contaminate water by cleaning equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters.

**IV. FIRST AID MEASURES**

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor immediately for treatment advice.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Carbaryl is an N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.

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**V. FIRE FIGHTING MEASURES**

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Flashpoint (method used): Not Applicable  
Extinguishing Media: Water fog, foam, alcohol foam, carbon dioxide, and dry chemical  
Fire Fighting Procedures: Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing vapors or spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

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**VI. ACCIDENTAL RELEASE MEASURES**

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Steps To Be Taken If Material Is Released Or Spilled:  
Wear appropriate respiratory and personal protective equipment. Vacuum or sweep into an approved disposal container. Treat contaminated area with detergent and water. Absorb with inert material and place in approved disposal container. Repeat as necessary until area is clean.

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**VII. HANDLING AND STORAGE**

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DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.  
PESTICIDE STORAGE: Store in original container only. Keep in locked, cabinet out of reach of children and animals. Store in a cool, dry place. (In case of spill, remove spillage with an industrial type vacuum cleaner and wash area with household bleach).

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**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS**

When applicators use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(5), the handler PPE requirements may be reduced or modified as specified in the WPS.

**PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are butyl rubber, nitrile rubber, and polyethylene. If you want more options, follow the instructions for category A on the EPA chemical-resistance category selection chart. Loaders, applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical resistant gloves
- Shoes plus socks

**USER SAFETY RECOMMENDATIONS**

Users should wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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**IX. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance: Tan pellets  
Odor: Sweet  
Melting Point: Not data  
Vapor pressure: Not data  
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Solubility in H<sub>2</sub>O, % by Wt.: Insoluble  
Specific Gravity (H<sub>2</sub>O=1) Not Available

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**X. STABILITY AND REACTIVITY**

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Conditions Contributing to Instability: This product is stable.  
Incompatibility: Alkalines, mineral acids, extremes of pH, temperatures above 158°F.  
Hazardous Polymerization: Will not occur.  
Hazardous Decomposition: Carbon oxide, nitrogen oxide

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**XI. TOXICOLOGICAL INFORMATION**

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Ingestion: Acute oral LD<sub>50</sub> (rat) 250 mg/kg (RTECS\*). Do not ingest. Wash thoroughly before eating, drinking, or smoking. Do not store near food or feed.

Inhalation: PEL/TLV 5 mg/m<sup>3</sup>. Do not breathe dust. May irritate respiratory tract. Wear proper respiratory protection for exposures above the PEL/TLV.

Skin Contact: Acute dermal LD<sub>50</sub> (rat) 2000 mg/kg (RTECS\*). Avoid skin contact. Product can be absorbed through the skin. Wear proper personal protective equipment to reduce exposure.

Eye Exposure: May cause minor eye irritation. Avoid eye exposure. If exposed flush eyes for a minimum of 15 minutes with water.

Effects of Overexposure: Carbait 5 is a reversible cholinesterase inhibitor. Symptoms of overexposure may include diarrhea, nausea, vomiting, abdominal pain, profuse sweating and salivation, blurred vision, pinpoint pupils and convulsions in severe exposures. Can be fatal. Chronic exposure can result in cholinesterase depression. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.

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**XII. DISPOSAL CONSIDERATIONS**

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

CONTAINER DISPOSAL: Do not reuse empty bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration; or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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**XIII. REGULATORY INFORMATION**

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SARA Hazard Class: Acute and Chronic  
Section 302: Not listed  
Section 313: Carbaryl is listed  
RCRA: Listed

NFPA Hazard Rating:  
Health: 2                      Fire: 1                      Reactivity: 0  
HMIS Codes:  
Health: 2                      Fire: 1                      Reactivity: 0

CERCLA Reportable Quantity (RQ) (40 CFR Table 302.4): Not listed

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**XIV. OTHER INFORMATION**

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**DISCLAIMER:** The information presented herein is based on available data from reliable sources and is correct to the best of Agrisel USA, Inc. knowledge. Agrisel USA, Inc. makes no warranty, express or implied, regarding

the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions.