# MATERIAL SAFETY DATA SHEET

**RECRUIT* IV TERMITE BAIT**

## 1. PRODUCT AND COMPANY IDENTIFICATION:

**PRODUCT:** Recruit* IV Termite Bait

**COMPANY IDENTIFICATION:**
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268-1189

## 2. HAZARDOUS IDENTIFICATIONS:

**EMERGENCY OVERVIEW**
Odorless white briquette. May cause eye irritation or corneal injury due to mechanical action. Toxic to aquatic invertebrates.

**EMERGENCY PHONE NUMBER:** 800-992-5994

## 3. COMPOSITION/INFORMATION ON INGREDIENTS:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noviflumuron</td>
<td>CAS # 121451-02-3</td>
<td>0.5%</td>
</tr>
<tr>
<td>Balance, Total, Including Cellulose</td>
<td>CAS # 009004-34-6</td>
<td>99.5%</td>
</tr>
</tbody>
</table>

## 4. FIRST AID:

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

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

**INGESTION:** 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 the poison control center or doctor. Never give anything by mouth to an unconscious person.

**INHALATION:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc). Call a poison control center or doctor for treatment advice.

## 5. FIRE FIGHTING MEASURES:

**FLASH POINT:** Not determined

**METHOD USED:** Not applicable

**FLAMMABLE LIMITS**
- LFL: Not determined
- UFL: Not determined

**EXTINGUISHING MEDIA:** Foam, CO₂, or Dry chemical

**FIRE AND EXPLOSION HAZARDS:** Foam fire extinguishing system is preferred because uncontrolled water can spread possible contamination. Toxic irritating gases may be formed under fire conditions.

**FIRE-FIGHTING EQUIPMENT:** Use positive-pressure, self-contained breathing apparatus and full protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES:

**ACTION TO TAKE FOR SPILLS:** Sweep up small spills and place into a suitable container for disposal. Report large spills to Dow AgroSciences at 800-992-5994.

## 7. HANDLING AND STORAGE:

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep out of reach of children. Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Handle in a ventilated area. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco, using the toilet or smoking. Keep away from food, feedstuffs, and water supplies. Store in original container in a dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

These precautions are suggested for conditions where the potential for exposure exists. Emergency conditions may require additional precautions.

**EXPOSURE GUIDELINES:** Although some of the components of this product may have exposure guidelines, no exposure would be expected under normal handling conditions due to the physical state of the material.
MATERIAL SAFETY DATA SHEET

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ENGINEERING CONTROLS: Good general ventilation should be sufficient for most conditions.

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

EYE/FACE PROTECTION: Use safety glasses. If there is a potential for exposure to particles, which could cause mechanical injury to the eye, wear chemical goggles.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

APPLICATORS AND ALL OTHER HANDLERS: Refer to the product label for personal protective clothing and equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: White briquette
ODOR: Essentially odorless

10. STABILITY AND REACTIVITY:

STABILITY: (CONDITIONS TO AVOID) Stable under normal storage conditions.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Not known to occur.

11. TOXICOLOGICAL INFORMATION:

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

EYE: Solid or dust may cause irritation or corneal injury due to mechanical action.

SKIN: Essentially non-irritating to skin. Prolonged skin contact is unlikely to result in absorption of harmful amounts. Based on information for a similar material, the LD₅₀ for skin absorption in rabbits is expected to be >2000 mg/kg.

INGESTION: Low toxicity if swallowed. Harmful effects are not anticipated from swallowing small amounts. The oral LD₅₀ for rats for a similar material is >3160 mg/kg.

INHALATION: No adverse effects are anticipated from inhalation.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: For the active ingredient, in animals, effects have been reported on the following organ: liver and central nervous system.

CANCER INFORMATION: The active ingredient has caused cancer in laboratory animals. Dose levels producing these effects were many times higher than any dose levels expected from exposure due to use.

TERATOLOGY (BIRTH DEFECTS): The active ingredient did not cause birth defects in laboratory animals.

REPRODUCTIVE EFFECTS: For the active ingredient, in animal studies, has been shown to interfere with reproduction and fertility. Cellulose, in animal studies, has been shown to interfere with fertility and reproduction as a result of nutritional deficiencies associated with extremely high dietary concentrations of cellulose.

MUTAGENICITY: For the active ingredient, in-vitro and animal genetic toxicity studies were negative. For cellulose, in-vitro and animal genetic toxicity studies were negative.

12. ECOLOGICAL INFORMATION:

ENVIRONMENTAL FATE:

MOVEMENT & PARTITIONING:
Based largely or completely on information for noviflumuron. Bioconcentration potential is high (BCF is >3000 or Log Pow between 5 and 7). Expected to be relatively immobile in soil (Koc is >5000).
Based largely or completely on information for cellulose. No bioconcentration is expected because of the relatively high molecular weight (MW is >1000).
15. REGULATORY INFORMATION:

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer’s responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

U.S. REGULATIONS

SARA 313 INFORMATION: To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA “Hazard Categories” promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard
A delayed health hazard

TOXIC SUBSTANCES CONTROL ACT (TSCA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

STATE RIGHT-TO-KNOW: This product is not known to contain any substances subject to the disclosure requirements of

New Jersey
Pennsylvania

OSHA HAZARD COMMUNICATION STANDARD: This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA, or SUPERFUND): To the best of our knowledge, this product contains no chemical subject to reporting under CERCLA.
16. OTHER INFORMATION:

**MSDS STATUS:** Revised Sections: 2, 3, 12, & 15
Reference: DR-0388-6600
Replaces RSSDS Dated: 2/23/05
Document Code: D03-002-003
Replaces Document Code: D03-002-002

The Information Herein Is Given In Good Faith, But No Warranty, Express or Implied, Is Made. Consult Dow AgroSciences for Further Information.

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