



## Material Safety Data Sheet

### PREMISE FOAM

MSDS Version: 2.2

#### SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>Product Name</b>	PREMISE FOAM
<b>Chemical Name</b>	
<b>Common Name</b>	
<b>MSDS Number</b>	1910
<b>Chemical Family</b>	
<b>Chemical Formulation</b>	
<b>EPA Registration No.</b>	432-1391
<b>Product Use</b>	A ready-to-use formulation intended for use in spot treatments for the control of existing infestations of subterranean termite species and other wood-destroying insects.

Bayer Environmental Science  
 95 Chestnut Ridge Road  
 Montvale, NJ 07645  
 USA

For MEDICAL, TRANSPORTATION or Other EMERGENCY call 1-800-334-7577 24 hours/day  
 For Product Information call 1-800-331-2867

#### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component Name</u>	<u>CAS No.</u>	<u>Concentration % by Weight</u>	
		<u>Minimum</u>	<u>Maximum</u>
Imidacloprid Technical	138261-41-3	0.0400	0.0600
Isobutane (propane, 2-methyl)	75-28-5	6.9000	8.1000

#### SECTION 3. HAZARDS IDENTIFICATION

*NOTE: Please refer to Section 11 for detailed toxicological information.*

**Emergency Overview** Caution! Avoid contact with skin, eyes and clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling.

**Appearance** Liquid in spray-can producing a white foam

**Routes of Exposure** Skin contact, Ingestion

**Immediate Effects**

**Eye** No eye irritation

**Skin** slight irritation

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**Ingestion** Harmful if swallowed.

### SECTION 4. FIRST AID MEASURES

**General** Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**Eye** 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.

**Skin** Take off all contaminated clothing immediately. Wash off immediately with plenty of water for at least 15 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 directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person.

### SECTION 5. FIRE FIGHTING MEASURES

**Flash Point** 93.3 °C / 199.9 °F

**Suitable Extinguishing Media** Water, Carbon dioxide (CO2), Dry chemical, Foam

**Fire Fighting Instructions** Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Equipment or materials involved in pesticide fires may become contaminated.

In the event of fire, wear self-contained breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

**General and Disposal** Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.

**Land Spill or Leaks** Use proper protective equipment to minimize personal exposure (see Section 8). Take up with absorbent material (e.g. sand, earth or a proprietary absorbent material). Collect and contain contaminated absorbent and dike material for disposal.

### SECTION 7. HANDLING AND STORAGE

**Handling Procedures** Contents under pressure. Do not puncture or incinerate container.

Do not use near heat or open flame. Keep in a cool place, heat causes increase in pressure and risk of bursting.

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**Storing Procedures** Keep in a dry, cool place. Keep away from heat.  
Store in original container and out of the reach of children, preferably in a locked storage area.  
Do not contaminate water, food, or feed by storage or disposal.

**Work/Hygienic Procedures** Wash thoroughly with soap and water after handling.

**Min/Max Storage Temperatures** Do not transport or store above 54 °C / 129 °F

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye/Face Protection** Safety glasses

**Hand Protection** Suitable chemical resistant gloves

**Body Protection** Wear long-sleeved shirt and long pants and shoes plus socks.

**Exposure Limits**

Isobutane (propane, 2-methyl)	75-28-5	NIOSH	REL	800 ppm	1,900 mg/m <sup>3</sup>
		ACGIH NIC	TWA		1,000 ppm

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Liquid in spray-can producing a white foam

**pH** 6.0 Determined as a 10% solution in distilled water.

**Specific Gravity** 1.012 at 20 °C

**Molecular Weight** 255.7 g/mol

**Viscosity** 3 mPa.s 25 °C

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable under recommended storage conditions.

**Conditions to Avoid** Contents under pressure.  
Elevated temperatures

## SECTION 11. TOXICOLOGICAL INFORMATION

Only acute toxicity studies have been performed on this product as formulated. The non-acute information pertains to the technical-grade active ingredient, imidacloprid.

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<b>Acute Oral Toxicity</b>	Female Rat: LD50: > 5,000 mg/kg (up & down method)
<b>Acute Dermal Toxicity</b>	Male/Female Rat: LD50: > 500 mg/kg (limit test)
<b>Acute Inhalation Toxicity</b>	Feasibility tests revealed that respirable aerosols in any appreciable concentration cannot be generated with this product.
<b>Skin Irritation</b>	Rabbit: slight irritation
<b>Eye Irritation</b>	Rabbit: non-irritant
<b>Sensitization</b>	Guinea pig: non-sensitizing
<b>Subchronic Toxicity</b>	<p>In a 3-week dermal toxicity study, rabbits treated with imidacloprid showed no local or systemic effects at levels up to and including 1000 mg/kg, the limit dose.</p> <p>In a 4-week inhalation study, rats exposed to high concentrations of imidacloprid exhibited decreased body weight gains and changes in clinical chemistries and organ weights.</p>
<b>Chronic Toxicity</b>	In chronic dietary studies in rats and dogs exposed to imidacloprid, the target organs were the thyroids and/or liver.

### Assessment Carcinogenicity

In oncogenicity studies in rats and mice, imidacloprid was not considered carcinogenic in either species.

#### ACGIH

None

#### NTP

None

#### IARC

None

#### OSHA

None

### Reproductive & Developmental Toxicity

**REPRODUCTION:** In a two-generation reproduction study in rats, imidacloprid was not a primary reproductive toxicant. Offspring exhibited reduced body weights at the high dose and in conjunction with maternal toxicity.

**DEVELOPMENTAL TOXICITY:** In developmental toxicity studies in rats and rabbits, there was no evidence of an embryotoxic or teratogenic potential for imidacloprid. In both species, developmental effects were observed only at high doses and in conjunction with maternal toxicity.

### Neurotoxicity

In acute and subchronic neurotoxicity screening studies in rats, imidacloprid produced slight neurobehavioral effects in each study at the highest dose tested. There were no correlating morphological changes observed in the neural tissues.

In a one-generation developmental neurotoxicity screening study in rats, offspring exposed to imidacloprid showed decreased motor activities. These effects occurred at the highest dose tested and in conjunction with maternal toxicity. There were no correlating morphological changes observed in the neural tissues.

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**Mutagenicity** The imidacloprid mutagenicity studies, taken collectively, demonstrate that the active ingredient is not genotoxic or mutagenic.

### SECTION 12. ECOLOGICAL INFORMATION

**Environmental Precautions** This product is toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Apply this product only as specified on the label.

### SECTION 13. DISPOSAL CONSIDERATIONS

**General Disposal Guidance** 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 re-use empty containers. Do not puncture or incinerate container. If empty, place in trash or offer for recycling if available.

**RCRA Classification** 75-28-5 Isobutane (propane, 2-methyl)  
US. EPA Resource Conservation and Recovery Act: (RCRA) D List of Characteristic Hazardous Wastes (40 CFR 261.21-24): D001

### SECTION 14. TRANSPORT INFORMATION

DOT CLASSIFICATION:  
Aerosols // 2.2 // UN1950

This material qualifies for the Consumer Commodity exceptions under CFR49, 173.306  
When shipping as a Consumer Commodity the DOT Classification is:  
Consumer Commodity // ORM-D

FREIGHT CLASSIFICATION:  
Insecticides or Fungicides, N.O.I., other than poison

### SECTION 15. REGULATORY INFORMATION

**EPA Registration No.** 432-1391

#### US Federal Regulations

##### TSCA list

Isobutane (propane, 2-methyl) 75-28-5

##### US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

None

##### SARA Title III - section 302 - notification and information

None

##### SARA Title III - section 313 - toxic chemical release reporting

None

#### US States Regulatory Reporting

CA Prop65

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This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

### US State right-to-know ingredients

None

### Canadian Regulations

#### Canadian Domestic Substance List

Isobutane (propane, 2-methyl) 75-28-5

### Environmental

#### CERCLA

Isobutane (propane, 2-methyl) 75-28-5 100 lbs

#### Clean Water Section 307 Priority Pollutants

None

#### Safe Drinking Water Act Maximum Contaminant Levels

None

### International Regulations

#### EU Classification

Isobutane (propane, 2-methyl) 75-28-5 Extremely flammable Toxic  
R-phrases) May cause cancer. May cause heritable genetic damage.  
Extremely flammable.

S-phrases) Avoid exposure - obtain special instructions before use. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

#### European Inventory of Existing Commercial Substances (EINECS)

Isobutane (propane, 2-methyl) 75-28-5

## SECTION 16. OTHER INFORMATION

NFPA 704: (National Fire Protection Association)

Health - 1 Flammability - 2 Reactivity - 1 Others - None

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

MSDS REVISION INDICATOR: Section 14: Revised Transportation Information.

Approval Date: 11/11/2004

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