



Material Safety Data Sheet
MAXFORCE® ANT CONTROL SYSTEM

MSDS Number: 102000005341
 MSDS Version 2.0
 Revision Date: 01/14/2008

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name MAXFORCE® ANT CONTROL SYSTEM
MSDS Number 102000005341
PCP Registration No. 22839

Bayer CropScience Inc
 #100 - 3131 - 114th Avenue SE
 Calgary, AB T2Z 3X2
 Canada

For MEDICAL, TRANSPORTATION or other EMERGENCY call: 1-800-334-7577 (24 hours/day)
 For Product Information call: 1-888-283-6847

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component Name</u>	<u>CAS-No.</u>	<u>Average % by Weight</u>
Hydramethylnon	67485-29-4	1.00

SECTION 3. HAZARDS IDENTIFICATION

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

Emergency Overview Warning! Poison. Keep out of reach of children and animals. May be harmful if swallowed. Avoid contact with skin, eyes and clothing.

Physical State	gel
Odor	none
Appearance	light tan to brown
Routes of Exposure	Skin contact, Ingestion
Immediate Effects	
Eye	Avoid contact with eyes.
Skin	May cause slight irritation. Avoid contact with skin and clothing.
Ingestion	May be harmful if swallowed. Do not take internally.
Chronic or Delayed Long-Term	This product contains ingredients that are considered to be probable or suspected human carcinogens (see Section 11 - Chronic). This product or its components may have target organ effects. This product or its components may have long term (chronic) health effects.



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Medical Conditions Aggravated by Exposure	No specific medical conditions are known which may be aggravated by exposure to this product.
Potential Environmental Effect	Toxic to fish.

SECTION 4. FIRST AID MEASURES

General	When possible, 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 physician or poison control center immediately.
Skin	Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. 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. Do not leave victim unattended.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.
Notes to Physician Treatment	There is no specific antidote. Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.

SECTION 5. FIRE FIGHTING MEASURES

Flash point	no data available
Autoignition Temperature	no data available
Lower Flammability Limit	no data available
Upper Flammability Limit	no data available
Suitable Extinguishing Media	Water, Foam, Carbon dioxide (CO2), Dry chemical



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Fire Fighting Instructions Avoid contact with spilled product or contaminated surfaces. Keep out of smoke. Fight fire from upwind position. Cool closed containers/ tanks exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.

Methods for Cleaning Up Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

Additional Advice Use personal protective equipment. Do not allow to enter soil, waterways or waste water canal.

SECTION 7. HANDLING AND STORAGE

Handling Procedures Use only in area provided with appropriate exhaust ventilation.

Keep away from heat and sources of ignition.

Storing Procedures Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Work/Hygienic Procedures Keep away from food, drink and animal feedingstuffs.

Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General Protection There are no known hazards associated with this product when used according to the label directions. The following guidelines should be followed.

Avoid contact with skin and eyes.

Follow all label instructions. Train employees in safe use of the product.

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Appearance	light tan to brown
Physical State	gel
Odor	none
pH	no data available
Vapor Pressure	no data available
Vapor Density (Air = 1)	no data available
Specific Gravity	1.4
Evaporation rate	no data available
Boiling Point	no data available
Melting / Freezing Point	> 60 °C / > 140 °F
Minimum Ignition Energy	no data available
Partition coefficient: n-octanol/water	no data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatibility	no data available
Hazardous Reactions	No hazardous reactions when stored and handled according to prescribed instructions. Stable under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity data have been bridged from another formulation containing a higher percentage of the active ingredient, hydramethylnon. The non-acute information pertains to the technical-grade active ingredient.

Acute Oral Toxicity	rat: LD50: > 5,000 mg/kg
Acute Dermal Toxicity	rabbit: LD50: > 2,000 mg/kg
Skin Irritation	rabbit: Slight irritation.



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Eye Irritation	rabbit: No eye irritation.
Sensitization	guinea pig: Non-sensitizing.
Chronic Toxicity	Hydramethylnon caused testicular and/or lung effects in chronic studies in mice, rats and dogs.

Assessment Carcinogenicity

- Hydramethylnon has been classified by U.S. EPA as a Group C-possible human carcinogen based on lung tumors observed in mice. Rats treated with hydramethylnon did not show a carcinogenic potential.

ACGIH

None.

NTP

None.

IARC

None.

OSHA

None.

Reproductive & Developmental Toxicity

REPRODUCTION: Hydramethylnon is a reproductive toxicant at doses producing systemic toxicity.

DEVELOPMENTAL TOXICITY: Hydramethylnon was not a primary developmental toxicant in rats and rabbits. Developmental effects were observed but were considered secondary to maternal toxicity.

Neurotoxicity

Hydramethylnon neurotoxicity studies are not required at this time.

Mutagenicity

Hydramethylnon was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

SECTION 12. ECOLOGICAL INFORMATION

Environmental Precautions

Do not allow to get into surface water, drains and ground water. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water. Apply this product as specified on the label.



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SECTION 13. DISPOSAL CONSIDERATIONS

General Disposal Guidance Follow container label instructions for disposal of wastes generated during use in compliance with the product label. Never place unused product down any indoor or outdoor drain.

Container Disposal Do not re-use baits or empty containers. Wrap and discard in trash.

SECTION 14. TRANSPORT INFORMATION

TDG (Canada):
Not regulated for road or rail.

SECTION 15. REGULATORY INFORMATION

PCP Registration No. 22839

US Federal Regulations

TSCA list

None.

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

Hydramethylnon 67485-29-4 1.0%

US States Regulatory Reporting

CA Prop65

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

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Hydramethylnon 67485-29-4 Developmental toxin.
Hydramethylnon 67485-29-4 Male reproductive toxin.

US State Right-To-Know Ingredients

Hydramethylnon 67485-29-4 NJ

Canadian Regulations

Canadian Domestic Substance List

None.

Environmental

CERCLA

None.

Clean Water Section 307 Priority Pollutants



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None.
Safe Drinking Water Act Maximum Contaminant Levels
None.

SECTION 16. OTHER INFORMATION

NFPA 704 (National Fire Protection Association):

Health - 1 Flammability - 1 Reactivity - 0 Others - none

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

Reason to Revise: Updated due to new system and numbering scheme. Updated for general editorial purposes.

Prepared by the HSE Department of Bayer CropScience Inc. (306)-721-0310.

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