



Material Safety Data Sheet
MAXFORCE® ANT CONTROL SYSTEM

MSDS Number: 102000005341
 MSDS Version 2.1
 Revision Date: 01/31/2011
 Print Date: 01/31/2011

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

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

Bayer CropScience Inc
 #200, 160 Quarry Park Blvd, SE
 Calgary, Alberta T2C 3G3
 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. 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

Exposure routes 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.

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.



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SECTION 3. 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 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	Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. There is no specific antidote.

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 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 crop protection products, 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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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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.
Chemical Stability	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
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Acute dermal toxicity	rabbit: LD50: > 2,000 mg/kg
Skin irritation	rabbit: slight irritation
Eye irritation	rabbit: No eye irritation
Sensitisation	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 toxicity	<p>REPRODUCTION: Hydramethylnon is a reproductive toxicant at doses producing systemic toxicity.</p> <p>DEVELOPMENTAL TOXICITY: Hydramethylnon was not a primary developmental toxicant in rats and rabbits. Developmental effects were observed but were considered secondary to maternal toxicity.</p>
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Assessment neurotoxicity	Hydramethylnon neurotoxicity studies are not required at this time.
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Mutagenicity	Hydramethylnon was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.
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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

According to national and international transport regulations this material is not classified as dangerous goods / hazardous material.

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 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

None.



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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

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1 Flammability - 1 Physical Hazard - 0 PPE -

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

Reason for Revision: Updated for general editorial purposes. The following sections have been revised:
Section 16: Other Information.

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

Revision Date: 01/31/2011

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