



Safety Data Sheet FLUENCY AGENT

SDS Number: 102000017992

SDS Version 1.0

Revision Date: 12/16/2013

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SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product name FLUENCY AGENT
SDS Number 102000017992
Product code (UVP) 79131054
Product Use Seed flow additive

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.

Physical State powder
Odor slight characteristic
Appearance white
Exposure routes Inhalation, Skin contact

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component Name</u>	<u>CAS-No.</u>	<u>Average % by Weight</u>
Ethene, homopolymer	9002-88-4	80.00

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.



Safety Data Sheet FLUENCY AGENT

SDS Number: 102000017992
SDS Version 1.0

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	
Signs and Symptoms	To date no symptoms are known.
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	341 - 365 °C / 646 - 689 °F
Autoignition temperature	330 - 410 °C / 626 - 770 °F
Lower Flammability Limit	no data available
Upper Flammability Limit	no data available
Explosiveness	no data available
Fire and Explosion Hazards	Hazardous decomposition products due to incomplete combustion.
Suitable extinguishing media	Water spray, Foam, Carbon dioxide (CO ₂), Dry chemical
Unsuitable extinguishing media	High volume water jet



Safety Data Sheet
FLUENCY AGENT

SDS Number: 102000017992
SDS Version 1.0

Fire Fighting Instructions

Extinguishing measures to suit surroundings. Use appropriate extinguishing media for material that is supplying fuel. 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.

In the event of fire and/or explosion do not breathe fumes. Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

Dust explosion class St2 (Strongly explosible)

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 Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal. 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. Handle and open container in a manner as to prevent spillage.

Storing Procedures Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container and out of the reach of children, preferably in a locked storage area.

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

Remove Personal Protective Equipment (PPE) immediately after handling this product. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General Protection Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry. Eye wash facility and safety shower should be available.



Safety Data Sheet FLUENCY AGENT

SDS Number: 102000017992
SDS Version 1.0

Eye/Face Protection	Safety glasses with side-shields
Hand protection	Protective gloves
Body Protection	Wear long-sleeved shirt and long pants and shoes plus socks.
Respiratory protection	When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations. Use respiratory protection if dust is raised.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	white
Physical State	powder
Odor	slight characteristic
pH	no data available
Vapor Pressure	no data available
Vapor Density (Air = 1)	no data available
Specific Gravity	0.96 - 0.98
Evaporation rate	no data available
Boiling Point	not applicable
Melting / Freezing Point	105 - 135 °C / 221 - 275 °F
Water solubility	insoluble
Minimum Ignition Energy	< 3 mJ
Dust explosion Kst number	204 barn/s
Decomposition temperature	> 300 °C
Partition coefficient: n-octanol/water	no data available



Safety Data Sheet FLUENCY AGENT

SDS Number: 102000017992
SDS Version 1.0

Viscosity not applicable

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	Elevated temperatures
Incompatibility	no data available
Hazardous Decomposition Products	Thermal decomposition can lead to release of: Irritant gases/vapours Carbon oxides
Hazardous reactions	No dangerous reaction known under conditions of normal use.

SECTION 11. TOXICOLOGICAL INFORMATION

No toxicology data is available – use caution.

Acute oral toxicity	rat: LD50: > 2,000 mg/kg
Acute dermal toxicity	no data available
Acute inhalation toxicity	no data available

ACGIH
None.
NTP
None.
IARC
None.
OSHA
None.

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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Safety Data Sheet
FLUENCY AGENT

SDS Number: 102000017992
SDS Version 1.0

SECTION 13. DISPOSAL CONSIDERATIONS

General Disposal Guidance Dispose in accordance with all local, state/provincial and federal regulations.

Container Disposal Do not re-use empty containers. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State/Provincial and local authorities, by burning. If burned, stay out of smoke. Follow advice on product label and/or leaflet.

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

US Federal Regulations

TSCA list

Ethene, homopolymer 9002-88-4

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

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

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Environmental

CERCLA

None.

Clean Water Section 307 Priority Pollutants

None.

Safe Drinking Water Act Maximum Contaminant Levels

None.



Safety Data Sheet FLUENCY AGENT

SDS Number: 102000017992
SDS Version 1.0

SECTION 16. OTHER INFORMATION

NFPA 704 (National Fire Protection Association):

Health - 1 Flammability - 1 Instability - 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: New Safety Data Sheet.

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

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