



## METHOD® 240SL HERBICIDE

Version 2.0 / USA  
102000030323

1/8  
Revision Date: 09/02/2015  
Print Date: 11/18/2015

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product identifier

**Trade name** METHOD® 240SL HERBICIDE

**Product code (UVP)** 84117099

**SDS Number** 102000030323

**EPA Registration No.** 432-1565

#### Relevant identified uses of the substance or mixture and uses advised against

**Use** Herbicide

**Restrictions on use** See product label for restrictions.

#### Information on supplier

**Supplier** Bayer Environmental Science  
2 T.W. Alexander Drive  
Research Triangle PK, NC 27709  
United States

**Responsible Department** Email: SDSINFO.BCS-NA@bayer.com

#### Emergency telephone no.

**Emergency Telephone Number (24hr/ 7 days)** 1-800-334-7577

**Product Information Telephone Number** 1-800-331-2867

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification in accordance with regulation HCS 29CFR §1910.1200

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

#### Other hazards

No particular hazards known.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Component Name | CAS-No.     | Concentration % by weight |
|--------------------------|-------------|---------------------------|
| Aminocyclopyrachlor      | 858956-08-8 | 21.2                      |



## METHOD® 240SL HERBICIDE

Version 2.0 / USA  
102000030323

2/8  
Revision Date: 09/02/2015  
Print Date: 11/18/2015

### SECTION 4: FIRST AID MEASURES

#### Description of first aid measures

|                       |   |
|-----------------------|---|
| <b>General advice</b> | When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.  |
| <b>Inhalation</b>     | 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.  |
| <b>Skin contact</b>   | 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.   |
| <b>Eye contact</b>    | 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.   |
| <b>Ingestion</b>      | 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. |

#### Most important symptoms and effects, both acute and delayed

**Symptoms** No symptoms known or expected.

#### Indication of any immediate medical attention and special treatment needed

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

### SECTION 5: FIREFIGHTING MEASURES

#### Extinguishing media

**Suitable** Water spray, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable** None known.

#### Advice for firefighters

**Special protective equipment for fire-fighters** Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

**Further information** 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.

**Flash point** > 100 °C

**Autoignition temperature** no data available

**Lower explosion limit** no data available

**Upper explosion limit** no data available



## METHOD® 240SL HERBICIDE

Version 2.0 / USA  
102000030323

3/8  
Revision Date: 09/02/2015  
Print Date: 11/18/2015

**Explosivity** not applicable

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

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

#### Methods and materials for containment and cleaning up

**Methods for cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

**Additional advice** Do not allow to enter soil, waterways or waste water canal.

**Reference to other sections** Information regarding safe handling, see section 7.  
Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

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### SECTION 7: HANDLING AND STORAGE

#### Precautions for safe handling

**Advice on safe handling** Handle and open container in a manner as to prevent spillage. Use only in area provided with appropriate exhaust ventilation.

**Hygiene measures** 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. Before removing gloves clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

#### Conditions for safe storage, including any incompatibilities

**Requirements for storage areas and containers** Store in original container. 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.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

No control parameters known.

#### Exposure controls



**METHOD® 240SL HERBICIDE**

Version 2.0 / USA  
102000030323

4/8  
Revision Date: 09/02/2015  
Print Date: 11/18/2015

**Personal protective equipment**

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

|                                    |  |
|------------------------------------|--|
| <b>Respiratory protection</b>      | 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. |
| <b>Hand protection</b>             | Chemical resistant nitrile rubber gloves   |
| <b>Eye protection</b>              | Chemical resistant goggles must be worn.   |
| <b>Skin and body protection</b>    | Wear long-sleeved shirt and long pants and shoes plus socks.   |
| <b>General protective measures</b> | Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.<br>Keep and wash PPE separately from other laundry.                  |

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|   |                        |
|---|------------------------|
| <b>Appearance</b>                             | brown                  |
| <b>Physical State</b>                         | liquid, clear          |
| <b>Odor</b>                                   | characteristic         |
| <b>Odour Threshold</b>                        | no data available      |
| <b>pH</b>                                     | 6.9 at 1 %             |
| <b>Vapor Pressure</b>                         | no data available      |
| <b>Vapor Density (Air = 1)</b>                | no data available      |
| <b>Density</b>                                | 1.13 g/cm <sup>3</sup> |
| <b>Evaporation rate</b>                       | no data available      |
| <b>Boiling Point</b>                          | no data available      |
| <b>Melting / Freezing Point</b>               | no data available      |
| <b>Water solubility</b>                       | soluble                |
| <b>Minimum Ignition Energy</b>                | not applicable         |
| <b>Decomposition temperature</b>              | not applicable         |
| <b>Partition coefficient: n-octanol/water</b> | no data available      |
| <b>Viscosity</b>                              | no data available      |
| <b>Flash point</b>                            | > 100 °C               |
| <b>Autoignition temperature</b>               | no data available      |
| <b>Lower explosion limit</b>                  | no data available      |



**METHOD® 240SL HERBICIDE**

Version 2.0 / USA  
102000030323

5/8  
Revision Date: 09/02/2015  
Print Date: 11/18/2015

**Upper explosion limit** no data available  
**Explosivity** not applicable

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**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity**

**Thermal decomposition** not applicable  
**Chemical stability** Stable under recommended storage conditions.  
**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.  
**Conditions to avoid** no data available  
**Incompatible materials** no data available  
**Hazardous decomposition products** No decomposition products expected under normal conditions of use.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**Immediate Effects**  
**Eye** Moderate eye irritation.

**Information on toxicological effects**

**Acute oral toxicity** LD50 (rat) > 5,000 mg/kg  
**Acute inhalation toxicity** LC50 (rat) > 6.9 mg/l  
Exposure time: 4 h  
**Acute dermal toxicity** LD50 (rat) > 5,000 mg/kg  
**Skin irritation** No skin irritation (rabbit)  
**Eye irritation** Moderate eye irritation. (rabbit)  
**Sensitisation** Non-sensitizing. (mouse)

**ACGIH**

None.

**NTP**

None.

**IARC**

None.



## METHOD® 240SL HERBICIDE

Version 2.0 / USA  
102000030323

6/8  
Revision Date: 09/02/2015  
Print Date: 11/18/2015

### OSHA

None.

### Further information

Only acute toxicity studies have been performed on the formulated product.

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## SECTION 12: ECOLOGICAL INFORMATION

|  |  |
|--|--|
| <b>Toxicity to fish</b>                          | LC50 (Oncorhynchus mykiss (rainbow trout)) > 119 mg/l<br>Exposure time: 96 h   |
| <b>Chronic toxicity to fish</b>                  | Oncorhynchus mykiss (rainbow trout)<br>NOEC: 11 mg/l<br>Exposure time: 90 d  |
| <b>Toxicity to aquatic invertebrates</b>         | EC50 (Daphnia magna (Water flea)) 43 mg/l<br>Exposure time: 96 h   |
| <b>Chronic toxicity to aquatic invertebrates</b> | NOEC (Daphnia magna (Water flea)): 6 mg/l<br>Exposure time: 21 d   |
| <b>Toxicity to aquatic plants</b>                | EC50 (Anabaena flos-aquae (cyanobacterium)) > 7.4 mg/l<br>Exposure time: 72 h<br><br>EC50 (Anabaena flos-aquae (cyanobacterium)) > 119 mg/l<br>Exposure time: 96 h   |
| <b>Environmental precautions</b>                 | Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.<br>Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.<br>Apply this product as specified on the label. |

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## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

|                               |   |
|-------------------------------|---|
| <b>Product</b>                | Do not contaminate water, food, or feed by disposal.<br>Dispose in accordance with all local, state/provincial and federal regulations.<br>Follow advice on product label and/or leaflet. |
| <b>Contaminated packaging</b> | Do not re-use empty containers.<br>Triple rinse containers.   |



**METHOD® 240SL HERBICIDE**

Version 2.0 / USA  
10200030323

7/8  
Revision Date: 09/02/2015  
Print Date: 11/18/2015

Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and Local authorities, by burning.  
If burned, stay out of smoke.  
Follow advice on product label and/or leaflet.

**RCRA Information**

Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.

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**SECTION 14: TRANSPORT INFORMATION**

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

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**SECTION 15: REGULATORY INFORMATION**

**EPA Registration No.** 432-1565

**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**

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**

None.

**Environmental**

**CERCLA**

None.

**Clean Water Section 307 Priority Pollutants**

None.

**Safe Drinking Water Act Maximum Contaminant Levels**



## METHOD® 240SL HERBICIDE

Version 2.0 / USA  
102000030323

8/8  
Revision Date: 09/02/2015  
Print Date: 11/18/2015

None.

### EPA/FIFRA Information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

**Signal word:** Caution!

**Hazard statements:** Moderate eye irritation.  
Avoid contact with eyes.

## SECTION 16: OTHER INFORMATION

### Abbreviations and acronyms

|         |  |
|---------|--|
| 49CFR   | Code of Federal Regulations, Title 49                            |
| ACGIH   | US. ACGIH Threshold Limit Values                                 |
| CAS-Nr. | Chemical Abstracts Service number                                |
| EINECS  | European inventory of existing commercial substances             |
| ELINCS  | European list of notified chemical substances                    |
| IARC    | US. IARC Monographs on Occupational Exposures to Chemical Agents |
| IATA    | International Air Transport Association                          |
| IMDG    | International Maritime Dangerous Goods                           |
| N.O.S.  | Not otherwise specified  |
| NTP     | US. National Toxicology Program (NTP) Report on Carcinogens      |
| OECD    | Organization for Economic Co-operation and Development           |
| TDG     | Transportation of Dangerous Goods                                |
| TWA     | Time weighted average  |
| UN      | United Nations   |
| WHO     | World health organisation  |

### 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.

**Revision Date:** 09/02/2015

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