

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : Civic 3ME Herbicide
Product code : EPA Reg. No. 89167-118-89391

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Herbicide
Uses Advised Against : It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

1.4. Supplier's details

INNICTIS® CROP CARE, LLC
1880 Fall River Drive, Suite 100
Loveland, CO, USA, 80538
T 855-466-8428

1.5. Emergency phone number

Emergency number : ChemTrec 1-800-424-9300

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) : Not classified according to OSHA 29 CFR 1910.1200 criteria. Observe directions on label and instructions for use. See Also Section 15.

GHS US classification

| | | |
|---|------|------------------------|
| Acute toxicity (oral), Category 4 | H302 | Harmful if swallowed. |
| Acute toxicity (inhalation:dust,mist), Category 4 | H332 | Harmful if inhaled. |
| Hazardous to the aquatic environment — Acute Hazard, Category 2 | H401 | Toxic to aquatic life. |

Full text of H statements : see section 16

2.2. Label elements

Label elements

This is a pesticide product registered with the United States 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 (SDS) and for workplace labels of non pesticide chemicals. The labeling information below applies to non-pesticide workplace labels. For pesticide label information, refer to Section 15.

| | |
|----------------------------|--|
| Hazard Symbol(s) | None |
| Signal Word(s) | None |
| Hazard Statement(s) | None |
| Precautionary Statement(s) | Observe directions on label and instructions for use. See Also Section 15. |

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GHS US labeling

| | |
|-----------------------------------|---|
| Hazard statements (GHS US) | : H302+H332 - Harmful if swallowed or if inhaled H401 - Toxic to aquatic life |
| Precautionary statements (GHS US) | : P261 - Avoid breathing dust, fume, gas, mist, vapors, spray. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell. P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing. P312 - Call a poison center or doctor if you feel unwell. P330 - Rinse mouth. P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations. |

2.3. Hazards associated with known or reasonably anticipated uses

Toxic to aquatic life.

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|--|---------------------|----|--|
| 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone ; Command | CAS-No.: 81777-89-1 | 32 | Acute Tox. 4 (Oral), H302 Acute Tox 4 (Oral), H332 Aquatic Acute 2; H401 |

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : If you feel unwell, seek medical advice. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. If breathing is laboured, administer oxygen. Call a POISON CENTER/doctor if you feel unwell. Treat symptomatically. |
| First-aid measures after skin contact | : Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Treat symptomatically. Contaminated clothing should be laundered before reuse. |

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- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
- First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell. Do not give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. Rinse mouth.

4.2. Most important symptoms/effects, acute and delayed

- Symptoms/effects after inhalation : None under normal conditions.
- Symptoms/effects after skin contact : None under normal conditions.
- Symptoms/effects after eye contact : None under normal conditions.
- Symptoms/effects after ingestion : None under normal conditions.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

- Other medical advice or treatment : Treat symptomatically. Call a POISON CENTER or doctor/physician if you feel unwell.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

- Special hazards arising from the substance or mixture** : Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms oxides of carbon and nitrogen, also chlorine and chlorinated compounds. Decontaminate equipment or materials used in pesticide fires.

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
- Protection during firefighting : Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.

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| | |
|--|--|
| Emergency procedures | : Ventilate spillage area. |
| For emergency responders | |
| Protective equipment | : Observe directions on label and instructions for use. See Also Section 15. |
| Emergency procedures | : Observe directions on label and instructions for use. See Also Section 15. |
| Methods and material for containment and cleaning up | Observe directions on label and instructions for use. See Also Section 15 |
| Reference to other sections | Observe directions on label and instructions for use. See Also Section 15 |

SECTION 7 Handling and storage

7.1. Precautions for safe handling

| | |
|-----------------------------------|---|
| Precautions for safe handling | : Observe directions on label and instructions for use. See Also Section 15. |
| Hygiene measures | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use. |

7.2. Conditions for safe storage, including incompatibilities

| | |
|------------------------|---|
| Technical measures | : Keep in a cool, well-ventilated place away from heat. |
| Storage conditions | : Store at room temperature. Do not allow material to freeze. |
| Incompatible materials | Strong oxidising agents. |
| Packaging materials | : Store always product in container of same material as original container. |

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

| | |
|----------------------------------|---|
| Appropriate engineering controls | : DO NOT aerosolize or atomize to produce inhalable-size particles. Use low-pressure course spray only. Observe directions on label and instructions for use. See Also Section 15. |
| Environmental exposure controls | : Avoid release to the environment. |

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

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| |
|--|
| Hand protection: |
| Protective gloves |
| Eye protection: |
| Wear protective eyewear (goggles, face shield, or safety glasses). |
| Skin and body protection: |
| Wear suitable protective clothing including gloves. |
| Respiratory protection: |
| Observe directions on label and instructions for use. See Also Section 15. |

Personal protective equipment symbol(s):



Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses. Observe directions on label and instructions for use. See Also Section 15.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

| | |
|---|---------------------|
| Appearance | : Liquid. |
| Color | : Beige |
| Odor | : characteristic |
| Odor threshold | : No data available |
| pH | : ≈ 6.53 |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : > 120 °C |
| Flammability (solid, gas) | : Not applicable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : No data available |
| Density | : ≈ 1.1653 g/ml |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : ≈ 388 °C |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Explosion limits | : No data available |

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Particle characteristics : No data available
Explosive properties : Not explosive
Oxidising properties : Not oxidising

2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone ; Command

| | |
|--------------------------|-------------------|
| Particle characteristics | No data available |
|--------------------------|-------------------|

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Incompatible materials

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms oxides of carbon and nitrogen, also chlorine and chlorinated compounds. Decontaminate equipment or materials used in pesticide fires.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Unlikely to cause skin irritation.
Acute toxicity (inhalation) : Inhalation:dust,mist: Harmful if inhaled.

| Civic 3ME Herbicide | |
|-----------------------|--------------------------|
| LD50 oral rat | > 2000 mg/kg body weight |
| LD50 dermal rat | > 2000 mg/kg body weight |
| LC50 Inhalation - Rat | > 3.93 mg/l |
| ATE US (oral) | 500 mg/kg body weight |
| ATE US (dust, mist) | 1.5 mg/l/4h |

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| 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone ; Command (81777-89-1) | |
|--|---------------------------|
| LD50 oral rat | 1369 mg/kg Source: HSDB |
| LD50 dermal rabbit | > 2000 mg/kg Source: HSDB |
| LC50 Inhalation - Rat (Vapors) | 4.23 mg/l Source: HSDB |
| ATE US (oral) | 1369 mg/kg body weight |
| ATE US (vapors) | 4.23 mg/l/4h |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Not classified Based on available data, the classification criteria are not met pH: ≈ 6.53 |
| Serious eye damage/irritation | : Not classified Based on available data, the classification criteria are not met pH: ≈ 6.53 |
| Respiratory or skin sensitization | : Not classified Based on available data, the classification criteria are not met |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not to be expected |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Mutagenicity | No evidence of genotoxicity. |

| Civic 3ME Herbicide | |
|----------------------|-------------------|
| Viscosity, kinematic | No data available |

| 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone ; Command (81777-89-1) | |
|--|-------------------|
| Viscosity, kinematic | No data available |

| | |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact | : None under normal conditions. |
| Symptoms/effects after ingestion | : None under normal conditions. |

SECTION 12 Ecological information

12.1. Ecotoxicity

| | |
|---|--|
| Ecology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

| Civic 3ME Herbicide | |
|-------------------------|-------------------------------|
| LC50 - Fish [1] (96 hr) | ≈ 19 mg/l Oncorhynchus mykiss |

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| Civic 3ME Herbicide | |
|--|--------------------------|
| EC50 - Crustacea [1] (48 hr) | ≈ 5.2 mg/l Daphnia magna |
| 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone ; Command (81777-89-1) | |
| LC50 - Fish [1] | 19 mg/l Source: HSDB |
| EC50 - Crustacea [1] | 5.2 mg/l Source: HSDB |

12.2. Persistence and degradability

| Civic 3ME Herbicide | |
|--|--|
| Persistence and degradability | Contains non readily biodegradable component(s). |
| 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone ; Command (81777-89-1) | |
| Persistence and degradability | Rapidly degradable |

12.3. Bioaccumulative potential

| Civic 3ME Herbicide | |
|--|------------------|
| Bioaccumulative potential | Not established. |
| 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone ; Command (81777-89-1) | |
| Partition coefficient n-octanol/water (Log Pow) | 2.5 Source: HSDB |

12.4. Mobility in soil

| Civic 3ME Herbicide | |
|--|---|
| Ecology - soil | No (test) data on mobility of the component(s) available. |
| 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone ; Command (81777-89-1) | |
| Mobility in soil | 191.6 Source: EPI SUITE |

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice. Observe directions on label and instructions for use. See Also Section 15.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

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SECTION 14 Transport information

14.1. UN number

UN-No. (DOT) : Not applicable
UN-No. (TDG) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable

TDG

Transport hazard class(es) (TDG) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

14.7. Special precautions for user

DOT

Not applicable

TDG

Not applicable

IMDG

Not applicable

IATA

Not applicable

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SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

| | | |
|---|--------------------|-----|
| 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone ; Command | CAS-No. 81777-89-1 | 32% |
|---|--------------------|-----|

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

15.4 Other information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: This is a registered pesticide product regulated under Federal Insecticide, Fungicide, and Rodenticide Act and, therefore, the components of this product are not subject to listing on the TSCA inventory.

EPA FIFRA Information for SDS Section 15 (Regulatory Information):

This is a pesticide product registered with the United States 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 (SDS), and for workplace labels of non pesticide chemicals.

The hazard information required on the pesticide label is reproduced below:

CAUTION: Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE):

Mixers, loaders, applicators and all other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Protective eyewear

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls:

When handlers used closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS. Pilot must use an enclosed cab that meets the definition listed in the WPS for agricultural pesticides (40 CFR 170.305).

Environmental Hazards:

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply

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when weather conditions favor drift from the area treated. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters or rinsate. Apply this product only as specified on this label.

Non-Target Organism Advisory: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

SPECIAL RESTRICTION

OFF-SITE MOVEMENT OF SPRAY DRIFT OR VAPORS OF THIS PRODUCT CAN CAUSE FOLIAR WHITENING OR YELLOWING OF SOME PLANTS. Prior to making applications, read and strictly follow all directions, restrictions, and precautions in the application instructions, and spray drift sections.

The pesticide label also includes other important information, including directions for use.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

None

SARA 311/312 - Hazard Categories: See SECTION 2 - HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

None

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

None

SECTION 16 Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date : 4/14/2025
Other information : This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use. PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION: Causes moderate eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequent repeated skin contact while handling the material may cause allergic reaction in some individuals.

| Full text of hazard classes and H-statements | |
|--|-----------------------|
| H302 | Harmful if swallowed |
| H332 | Harmful if inhaled |
| H401 | Toxic to aquatic life |

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Innvictis Crop Care, LLC gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Innvictis Crop Care, LLC accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.