IMA-jet 10

| Section 1. Identification |  |
| :--- | :--- |
| GHS product identifier | : IMA-jet 10 |
| Product use | : Insecticide |
| Supplier's details | : Arborjet <br> 99 Blueberry Hill Road <br> Woburn, MA 01801, USA <br> $1-781-935-9070$ |

## Section 2. Hazards identification

## OSHA/HCS status

Classification of the substance or mixture
: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
: ACUTE TOXICITY (oral) - Category 4
ACUTE TOXICITY (inhalation) - Category 4
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
SKIN SENSITIZATION - Category 1
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 5\%

## GHS label elements

Hazard pictograms
Signal word

Hazard statements
:
: Warning
: Harmful if swallowed or if inhaled.
Causes serious eye irritation.
Causes skin irritation.
May cause an allergic skin reaction.

## Precautionary statements

General
Prevention

Response
: Not applicable. Use only outdoors or in a well-ventilated area.
Avoid breathing vapor.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
: Wear protective gloves. Wear eye or face protection: Recommended: splash goggles.

Contaminated work clothing should not be allowed out of the workplace.
: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing.
Wash contaminated clothing before reuse.
If skin irritation or rash occurs: Get medical attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.

## Section 2. Hazards identification

Storage : Not applicable.
Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise
: None known.

## classified

## Section 3. Composition/information on ingredients

| Substance/mixture | : Mixture |
| :--- | :--- |
| Other means of <br> identification | : Not available. |

identification

CAS number/other identifiers

| CAS number | $:$ Not applicable. |
| :--- | :--- |
| Product code | $:$ 1 Liter 040-200-91 12 Case 040-200-92 |


| Ingredient name | $\%$ | CAS number |
| :--- | :--- | :--- |
| Proprietary 1 | Proprietary 1 | - |
| Proprietary 2 | Proprietary 2 | - |
| 2-Imidazolidinimine, 1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-, (2E)- | $\geq 10-<25$ | $138261-41-3$ |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

## Description of necessary first aid measures

| Eye contact | : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. |
| :---: | :---: |
| Inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| Skin contact | : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| Ingestion | : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |

## Section 4. First aid measures

## Most important symptoms/effects, acute and delayed

## Potential acute health effects

| Eye contact | : Causes serious eye irritation. |
| :--- | :--- |
| Inhalation | : Harmful if inhaled. |
| Skin contact | : Causes skin irritation. May cause an allergic skin reaction. |
| Ingestion | : Harmful if swallowed. |

## Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:
pain or irritation
watering
redness
Inhalation : No specific data.
Skin contact : Adverse symptoms may include the following: irritation redness
Ingestion : No specific data.

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

Notes to physician
Specific treatments : No specific treatment.
Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

## See toxicological information (Section 11)

## Section 5. Fire-fighting measures

Extinguishing media
Suitable extinguishing media
Unsuitable extinguishing media

Specific hazards arising from the chemical

## Hazardous thermal

 decomposition productsSpecial protective actions for fire-fighters

Special protective equipment for fire-fighters
: Use dry chemical, $\mathrm{CO}_{2}$, alcohol-resistant foam or water spray (fog).
: None known.
: In a fire or if heated, a pressure increase will occur and the container may burst.
: Decomposition products may include the following materials:
carbon dioxide carbon monoxide nitrogen oxides halogenated compounds
: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Decontaminate personal protective equipment and fire fighting equipment before reuse.

## Section 6. Accidental release measures

| For non-emergency personnel | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| :---: | :---: |
| For emergency responders | : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel". |
| Environmental precautions | : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| Methods and materials for containment and cleaning up |  |
| Small spill | : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| Large spill | : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |

## Section 7. Handling and storage

## Precautions for safe handling

Protective measures

Advice on general
occupational hygiene
: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, : Store in accordance with local regulations. Store in original container protected from including any
incompatibilities direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

## Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
| :--- | :--- |
| Proprietary 1 | AlHA WEEL (United States, 10/2011). |
|  | TWA: 10 ppm 8 hours. |

## Section 8. Exposure controls/personal protection

Appropriate engineering controls

Environmental exposure controls
: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures
Hygiene measures
Eye/face protection
Skin protection
Hand protection

Body protection

Other skin protection

Respiratory protection

Personal protective equipment (Pictograms)
: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Recommended: splash goggles
: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Recommended chemical resistant gloves: polyethylene, butyl rubber, neoprene rubber, or viton.
: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
:


## Section 9. Physical and chemical properties

## Appearance

| Physical state | $:$ Liquid. |
| :--- | :--- |
| Color | $:$ Orange. |
| Odor | $:$ Mild Aromatic |
| Odor threshold | $:$ Not available. |
| pH | $: 5.86$ at $25^{\circ} \mathrm{C}$ |
| Melting point | $:$ Not available. |
| Boiling point | $:$ Not available. |
| Flash point | $:$ Closed cup: $103^{\circ} \mathrm{C}\left(217.4^{\circ} \mathrm{F}\right)$ [Pensky-Martens.] |

## Section 9. Physical and chemical properties

| Evaporation rate | Not available. |
| :---: | :---: |
| Flammability (solid, gas) | Not available. |
| Lower and upper explosive (flammable) limits | Not available. |
| Vapor pressure | Not available. |
| Vapor density | : Not available. |
| Relative density | : Not applicable. |
| Solubility | : Not available. |
| Solubility in water | : $0.4 \mathrm{~g} / \mathrm{L}$ |
| Partition coefficient: noctanol/water | : Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | 5.84 cP at $22{ }^{\circ} \mathrm{C}$ |

## Section 10. Stability and reactivity

## Reactivity

Chemical stability : The product is stable.

Possibility of hazardous reactions

Conditions to avoid : No specific data.

Incompatible materials : Oxidizers

Hazardous decomposition : Under normal conditions of storage and use, hazardous decomposition products should products not be produced.

## Section 11. Toxicological information

## Information on toxicological effects

## Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
| :--- | :--- | :--- | :--- | :--- |
| Proprietary 1 | LD50 Dermal | Rabbit | $2000 \mathrm{mg} / \mathrm{kg}$ | - |
|  | LD50 Oral | Rat | $1230 \mathrm{mg} / \mathrm{kg}$ | - |
| Proprietary 2 | RD50 Oral | Rat | $>5000 \mathrm{mg} / \mathrm{kg}$ | - |
| 2-Imidazolidinimine, 1-[ | LD50 Dermal |  | $>5000 \mathrm{mg} / \mathrm{kg}$ | - |
| (6-chloro-3-pyridinyl)methyl]- |  |  |  |  |
| N-nitro-, (2E)- | Rat |  |  |  |
| IMA-jet 10 | LD50 Oral | Rat | $410 \mathrm{mg} / \mathrm{kg}$ | - |
|  | Rat - Male, | $>2000 \mathrm{mg} / \mathrm{kg}$ | - |  |
|  | Female | Rermal | Rat - Female | $550 \mathrm{mg} / \mathrm{kg}$ |

## Irritation/Corrosion

## Section 11. Toxicological information

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Proprietary 1 | Skin - Mild irritant | Man | - | 48 hours 16 milligrams | - |
|  | Skin - Moderate irritant | Pig | - | 100 Percent | - |
|  | Skin - Moderate irritant | Rabbit | - | 24 hours 100 milligrams | - |
| Proprietary 2 | Eyes - Moderate irritant | Rabbit | - | 60 milligrams | - |
|  | Skin - Moderate irritant | Human | - | 72 hours 100 milligrams | - |
|  |  |  |  | Intermittent |  |
|  | Skin - Moderate irritant | Rabbit | - | $500$ <br> milligrams | - |
| IMA-jet 10 | Eyes - Moderate irritant <br> Skin - Mild irritant | Rabbit Rabbit | - | , | - |

## Sensitization

| Product/ingredient name | Route of <br> exposure | Species | Result |
| :--- | :--- | :--- | :--- |
| IMA-jet 10 | skin | Mouse | Sensitizing |

## Conclusion/Summary

Skin
: Contact dermal sensitizer at concentrations greater than or equal to $25 \%$

## Mutagenicity

Not available.

## Carcinogenicity

| Product/ingredient name | Result | Species | Dose | Exposure |
| :--- | :--- | :--- | :--- | :--- |
| 2-Imidazolidinimine, 1-[ <br> (6-chloro-3-pyridinyl)methyl]- <br> N-nitro-, (2E)- | Negative - Oral - TDLo | Rat | 1800 ppm | 2 years |

## Reproductive toxicity

\(\left.$$
\begin{array}{|l|l|l|l|l|l|l|}\hline \text { Product/ingredient name } & \begin{array}{l}\text { Maternal } \\
\text { toxicity }\end{array} & \text { Fertility } & \begin{array}{l}\text { Development } \\
\text { toxin }\end{array} & \text { Species } & \text { Dose } & \text { Exposure } \\
\hline \begin{array}{l}\text { 2-Imidazolidinimine, 1-[ } \\
\text { (6-chloro-3-pyridinyl)methyl]- } \\
\text { N-nitro-, (2E)- }\end{array} & - & - & \text { Negative } & \text { Rabbit } & \begin{array}{l}\text { Oral: } 250 \\
\text { ppm }\end{array}
$$ \& 14 days <br>
Oral: 250 <br>

ppm\end{array}\right]-\)| Rat |
| :--- |

## Teratogenicity

Not available.

## Specific target organ toxicity (single exposure)

Not available.

## Specific target organ toxicity (repeated exposure)

Not available.

## Aspiration hazard

Not available

Information on the likely : Not available.
routes of exposure

## Potential acute health effects

| Eye contact | $:$ Causes serious eye irritation. |
| :--- | :--- |
| Inhalation | : Harmful if inhaled. |
| Skin contact | : Causes skin irritation. May cause an allergic skin reaction. |

## Section 11. Toxicological information

Ingestion : Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

| Eye contact | : Adverse symptoms may include the following: pain or irritation <br> watering redness |
| :---: | :---: |
| Inhalation | No specific data. |
| Skin contact | Adverse symptoms may include the following: irritation redness |
| Ingestion | : No specific data. |

Delayed and immediate effects and also chronic effects from short and long term exposure
Short term exposure

| Potential immediate <br> effects | $:$ Not available. |
| :--- | :--- |
| Potential delayed effects | $:$ Not available. |
| Long term exposure |  |
| Potential immediate <br> effects | $:$ Not available. |
| Potential delayed effects | $:$ Not available. |

## Potential chronic health effects

| Product/ingredient name | Result | Species | Dose | Exposure |
| :--- | :--- | :--- | :--- | :--- |
| IMA-jet 10 | Chronic NOEL Oral | Rat - Male | $5.7 \mathrm{mg} / \mathrm{kg}$ | - |


| General | : Once sensitized, a severe allergic reaction may occur when subsequently exposed to |
| :--- | :--- |
|  | very low levels. |
| Carcinogenicity | : No known significant effects or critical hazards. |
| Mutagenicity | : No known significant effects or critical hazards. |
| Teratogenicity | : No known significant effects or critical hazards. |
| Developmental effects | : No known significant effects or critical hazards. |
| Fertility effects | : No known significant effects or critical hazards. |

## Numerical measures of toxicity

Acute toxicity estimates

| Route | ATE value |
| :--- | :--- |
| Inhalation (dusts and mists) | $2.763 \mathrm{mg} / \mathrm{l}$ |

## Section 12. Ecological information

## Toxicity

| Product/ingredient name | Result | Species | Exposure |
| :---: | :---: | :---: | :---: |
| Proprietary 1 2-Imidazolidinimine, 1-[ (6-chloro-3-pyridinyl)methyl]-N-nitro-, (2E)- | Acute LC50 $10000 \mu \mathrm{~g} / \mathrm{l}$ Fresh water Acute EC50 $1 \mu \mathrm{~g} / \mathrm{I}$ Fresh water <br> Acute EC50 $6029 \mu \mathrm{~g} / \mathrm{I}$ Fresh water <br> Acute LC10 211 mg/l <br> Acute LC50 163 ppm Marine water | Fish - Lepomis macrochirus Crustaceans - Cypretta seurati <br> Daphnia - Daphnia magna - <br> Nauplii <br> Fish <br> Fish - Cyprinodon variegatus - | 96 hours 48 hours 48 hours 96 hours 96 hours |
| Date of issue/Date of revision | : 02/20/2015. Date of previous issue | : May 2012. | 8/13 |

## Section 12. Ecological information

|  | Chronic NOEC 10 ppm Fresh water |
| :--- | :--- | :--- | :--- |
| Chronic NOEC $0.625 \mathrm{mg} / /$ Fresh water |  |$\quad$| Juvenile (Fledgling, Hatchling, |
| :--- |
| Weanling) |
| Algae - Scenedesmus |
| subspicatus |
| Daphnia - Daphnia magna |$\quad 4$| 4 days |
| :--- |
| 21 days |

## Persistence and degradability

Not available.

## Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
| :--- | :--- | :--- | :--- |
| Proprietary 1 | 0.87 | - | low |
| Proprietary 2 | -0.41 | - | low |
| 2-Imidazolidinimine, 1-[ | 0.57 | - | low |
| (6-chloro-3-pyridinyl)methyl]- |  |  |  |
| N-nitro-, (2E)- |  |  |  |

## Mobility in soil

Soil/water partition
: Not available.
coefficient (Koc)

Other adverse effects
: No known significant effects or critical hazards.

## Section 13. Disposal considerations

Disposal methods
: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|  | DOT Classification | TDG Classification | Mexico Classification | ADR/RID | IMDG | IATA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UN number | Not regulated. | Not available. | UN3082 | UN3082 | UN3082 | UN3082 |
| UN proper shipping name | - | Not available. | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Imidazolidinimine, 1-[(6-chloro-3-pyridinyl) methyl]-N-nitro, (2E)-) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Imidazolidinimine, 1-[(6-chloro-3-pyridinyl) methyl]-N-nitro, (2E)-) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Imidazolidinimine 1-[(6-chloro-3-pyridinyl) methyl]-N-nitro, (2E)-) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Imidazolidinimine, <br> 1-[(6-chloro-3-pyridinyl) methyl]-N-nitro, (2E)-) |
| Transport hazard class(es) | - | Not available. | 9 | 9 | 9 | 9 |
|  |  |  |  |  |  |  |
| Date of issue/Date of revision |  | : 02/20/2015. Date of previous issue |  | : May 2012. | Version : | $29 / 13$ |

## Section 14. Transport information

| Transport Label |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not available.
to Annex II of MARPOL
73/78 and the IBC Code

## Section 15. Regulatory information

U.S. Federal regulations
: TSCA 8(a) CDR Exempt/Partial exemption: Not determined United States inventory (TSCA 8b): Not determined.

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 nonpesticide chemicals. Following is the hazard information as required on the pesticide label:

## 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.
Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.
Keep children and pets away from treatment area until injection and uptake are complete.

## Section 15. Regulatory information

Clean Air Act Section 112 : Not listed
(b) Hazardous Air

Pollutants (HAPs)
Clean Air Act Section 602 : Not listed
Class I Substances
Clean Air Act Section 602 : Not listed
Class II Substances
DEA List I Chemicals : Not listed
(Precursor Chemicals)
DEA List II Chemicals : Not listed
(Essential Chemicals)

## SARA 302/304

## Composition/information on ingredients

No products were found.
SARA 304 RQ : Not applicable.
SARA 311/312
Classification : Immediate (acute) health hazard
Composition/information on ingredients

| Name | $\%$ | Fire <br> hazard | Sudden <br> release of <br> pressure | Reactive | Immediate <br> (acute) <br> health <br> hazard | Delayed <br> (chronic) <br> health <br> hazard |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Proprietary 1 <br> Proprietary 2 <br> 2-Imidazolidinimine, 1-[(6-chloro- <br> 3-pyridinyl)methyl]-N-nitro-, (2E)- | Proprietary 1 <br> Proprietary 2 <br> $\geq 10-<25$ | No. <br> No. <br> Yes. | No. <br> No. <br> No. | No. <br> No. <br> No. | Yes. <br> Yes. <br> Yes. | No. <br> No. <br> No. |

## State regulations

Massachusetts : The following components are listed: Proprietary 1
New York : None of the components are listed.
New Jersey : None of the components are listed.
Pennsylvania : The following components are listed: Proprietary 1

## International regulations

## Chemical Weapon Convention List Schedules I, II \& III Chemicals

Not listed.

## Montreal Protocol (Annexes A, B, C, E)

Not listed.

## Stockholm Convention on Persistent Organic Pollutants

Not listed.

## Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

## UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

## International lists

## National inventory

| Australia | $:$ Not determined. |
| :--- | :--- |
| Canada | $:$ Not determined. |
| China | $:$ Not determined. |

## Section 15. Regulatory information

| Europe | $:$ Not determined. |
| :--- | :--- |
| Japan | $:$ Not determined. |
| Malaysia | : Not determined. |
| New Zealand | $:$ Not determined. |
| Philippines | : Not determined. |
| Republic of Korea | : Not determined. |
| Taiwan | : Not determined. |

## Section 16. Other information

## National Fire Protection Association (U.S.A.)

<br>Flammability<br>Instability/Reactivity

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the $\mathbf{7 0 4}$ systems to classify chemicals does so at their own risk.

Procedure used to derive the classification

| Classification |  |
| :--- | :--- |
| Acute Tox. 4, H302 | Justification |
| Acute Tox. 4, H332 | On basis of test data |
| Skin Irrit. 2, H315 | Calculation method |
| Eye Irrit. 2A, H319 | Calculation method |
| Skin Sens. 1, H317 | On basis of test data |

## History

| Date of printing | 02/20/2015. |
| :---: | :---: |
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| Date of previous issue | May 2012. |
| Version | 2 |
| Key to abbreviations | ATE = Acute Toxicity Estimate <br> BCF = Bioconcentration Factor <br> GHS = Globally Harmonized System of Classification and Labelling of Chemicals <br> IATA = International Air Transport Association <br> IBC = Intermediate Bulk Container <br> IMDG = International Maritime Dangerous Goods <br> LogPow = logarithm of the octanol/water partition coefficient <br> MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) <br> UN = United Nations |
| References | Not available. |
| $\checkmark$ Indicates information that has changed from previously issued version. |  |
| Notice to reader |  |

## Section 16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

