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# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date : 2024/06/24  
Version: 6.1

Page: 1/13  
(30834477/SDS\_CPA\_US/EN)

### 1. Identification

**Product identifier used on the label**

**Poncho Votivo Precise Seed Treatment**

**Recommended use of the chemical and restriction on use**

Recommended use\*: Seed coating

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

**Details of the supplier of the safety data sheet**

Company:  
BASF Agricultural Solutions US LLC  
2 TW Alexander Drive  
Research Triangle Park, NC 27713  
USA

Telephone: +1 973 245-6000

**Emergency telephone number**

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

**Other means of identification**

Substance number:	895756
Registration number:	EPA Registration number: 7969-459
Synonyms:	Clothianidin + Bacillus Firmus I-1582

### 2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

**Classification of the product**

Acute Tox.	4 (oral)	Acute toxicity
STOT SE	2	Specific target organ toxicity — single exposure
Aquatic Acute	1	Hazardous to the aquatic environment - acute

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 2/13  
(30834477/SDS\_CPA\_US/EN)

Aquatic Chronic

1

Hazardous to the aquatic environment - chronic

### Label elements

Pictogram:



Signal Word:  
Warning

Hazard Statement:

H302	Harmful if swallowed.
H371	May cause damage to organs (Nervous system).
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P273	Avoid release to the environment.
P260	Do not breathe mist or vapour.
P270	Do not eat, drink or smoke when using this product.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330	Rinse mouth.
P391	Collect spillage.

Precautionary Statements (Storage):

P405	Store locked up.
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Precautionary Statements (Disposal):

P501	Dispose of contents/container in accordance with local regulations.
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### Hazards not otherwise classified

Labeling of special preparations (GHS):

Product contains the following components and may cause an allergic skin reaction: The substance may cause sensitization of the skin in particularly sensitive individuals. Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 1,2-benzisothiazol-3(2H)-one  
Micro-organisms may have the potential to provoke sensitising reactions.

## 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

Guanidine, N-[(2-chloro-5-thiazolyl)methyl]-N'-methyl-N"-nitro-, [C(E)]-  
CAS Number: 210880-92-5  
Content (W/W): 39.7 %  
Synonym: No data available.

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 3/13  
(30834477/SDS\_CPA\_US/EN)

### Bacillus firmus

Content (W/W): 8.1 %  
Synonym: No data available.

### glycerol

CAS Number: 56-81-5  
Content (W/W):  $\geq 5.0$  -  $< 7.0\%$   
Synonym: 1,2,3-Propanetriol; Glycerol

### Sulfuric acid, zinc salt (1:1), monohydrate

CAS Number: 7446-19-7  
Content (W/W):  $\geq 0.3$  -  $< 1.0\%$   
Synonym: No data available.

### White mineral oil (petroleum)

CAS Number: 8042-47-5  
Content (W/W):  $\geq 0.3$  -  $< 1.0\%$   
Synonym: White mineral oil, petroleum

### Alcohols, C12-15, ethoxylated

CAS Number: 68131-39-5  
Content (W/W):  $\geq 0.2$  -  $< 1.0\%$   
Synonym: (POLYMER) Alcohols, C12-15, ethoxylated

### 5-chloro-2-methyl-2H-isothiazol-3-one

CAS Number: 26172-55-4  
Content (W/W):  $> 0.0$  -  $< 0.1\%$   
Synonym: 5-Chlor-2-methyl-4-isothiazolin-3-on

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## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

#### If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

#### If on skin:

Immediately wash thoroughly with soap and water, seek medical attention.

#### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

#### If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 4/13  
(30834477/SDS\_CPA\_US/EN)

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far  
Hazards: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11. (Further) symptoms and / or effects are not known so far

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

#### Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
water spray, foam, carbon dioxide, dry powder

Unsuitable extinguishing media for safety reasons:  
water jet

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
carbon monoxide, hydrogen cyanide, Hydrogen chloride, carbon dioxide, nitrogen oxides, sulfur oxides  
The substances/groups of substances mentioned can be released in case of fire.

### Advice for fire-fighters

Protective equipment for fire-fighting:  
Wear self-contained breathing apparatus and chemical-protective clothing.

### Further information:

Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

### Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

Dike spillage. Pick up with suitable absorbent material. Place into suitable containers for reuse or disposal in a licensed facility. Spilled substance/product should be recovered and applied according

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 5/13  
(30834477/SDS\_CPA\_US/EN)

to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal.

## 7. Handling and Storage

### Precautions for safe handling

RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Ensure adequate ventilation. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect against heat. Protect contents from the effects of light. Protect from air. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Avoid aerosol formation. Provide means for controlling leaks and spills. Do not return residues to the storage containers. Follow label warnings even after container is emptied. The substance/ product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

Protection against fire and explosion:

No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

### Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Further information on storage conditions: Keep away from heat. Protect from direct sunlight.

Protect product from freezing temperatures.

Protect from temperatures below: 0 °C

Changes in the properties of the product may occur if substance/product is stored below indicated temperature for extended periods of time.

Protect from temperatures above: 30 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

## 8. Exposure Controls/Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

### Components with occupational exposure limits

glycerol

OSHA Z1: PEL 15 mg/m3 Total dust ;  
OSHA Z1: PEL 5 mg/m3 Respirable fraction ;

Guanidine, N-[(2-chloro-5-thiazolyl)methyl]-N'-methyl-N''-nitro-, [C(E)]-

TWA value 1.56 mg/m3 ; BASF expert judgement  
ACGIH, US: TWA value 0.1 mg/m3 Inhalable fraction ;

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 6/13  
(30834477/SDS\_CPA\_US/EN)

### Personal protective equipment

#### RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

##### **Respiratory protection:**

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) TC23C Chemical/Mechanical type filter system to remove a combination of particles, gas and vapours. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

##### **Hand protection:**

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

##### **Eye protection:**

Safety glasses with side-shields. Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

##### **Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

##### **General safety and hygiene measures:**

The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

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## 9. Physical and Chemical Properties

Form:	liquid
Odour:	characteristic
Odour threshold:	Not determined due to potential health hazard by inhalation.
Colour:	beige
pH value:	approx. 5.0 - 8.0 ( 100 %(m), 23 °C)
Melting point:	The product has not been tested.
Boiling point:	approx. 99 °C
Flash point:	No flash point - Measurement made up to the boiling point.
Flammability:	not applicable
Lower explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 7/13  
(30834477/SDS\_CPA\_US/EN)

Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Autoignition:	Based on the water content the product does not ignite.
Vapour pressure:	The product has not been tested.
Density:	approx. 1.28 g/cm <sup>3</sup> ( 20 °C)
Vapour density:	not applicable
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	approx. 280 - 480 mPa.s ( 20 °C) approx. 170 - 320 mPa.s ( 20 °C)
Solubility in water:	dispersible
Evaporation rate:	not applicable
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

### Conditions to avoid

See SDS section 7 - Handling and storage.

### Incompatible materials

strong acids, strong bases, strong oxidizing agents

### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 8/13  
(30834477/SDS\_CPA\_US/EN)

### 11. Toxicological information

#### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### Acute Toxicity/Effects

##### Acute toxicity

Assessment of acute toxicity: Of low toxicity after single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

##### Oral

Type of value: LD50

Species: rat

Value: > 2,000 - < 5,000 mg/kg (OECD Guideline 423)

##### Inhalation

Type of value: LC50

Species: rat

Value: > 5.56 mg/l (OECD Guideline 403)

Exposure time: 4 h

An aerosol was tested.

##### Dermal

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg (OECD Guideline 402)

##### Assessment other acute effects

Assessment of STOT single:

A single exposure may have relevant toxic effects on organs.

Target organ: Nervous system

The product has not been tested. The statement has been derived from the properties of the individual components.

##### Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

##### Skin

Species: rabbit

Method: OECD Guideline 404

##### Eye

Species: rabbit

Result: non-irritant

Method: OECD Guideline 405

##### Sensitization

Assessment of sensitization: No sensitizing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.



# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 9/13  
(30834477/SDS\_CPA\_US/EN)

Buehler test  
Species: guinea pig  
Result: Non-sensitizing.  
Method: OECD Guideline 406

Aspiration Hazard  
not applicable

### Chronic Toxicity/Effects

#### Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

#### Genetic toxicity

Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

#### Carcinogenicity

Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

#### Reproductive toxicity

Assessment of reproduction toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.

#### Teratogenicity

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

#### Other Information

Misuse can be harmful to health.

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## 12. Ecological Information

### Toxicity

#### Aquatic toxicity

Assessment of aquatic toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Toxicity to fish

*Information on: Clothianidin*

*LC50 (96 h) > 104.2 mg/l, Oncorhynchus mykiss (OECD Guideline 203, static)*

#### Aquatic invertebrates

*Information on: Clothianidin*

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 10/13  
(30834477/SDS\_CPA\_US/EN)

*EC50 (48 h) 26 mg/l, Daphnia magna (OPP 72-2 (EPA-guideline), static)*  
*EC50 (48 h) 0.029 mg/l, Chironomus riparius (static)*  
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### Aquatic plants

*Information on: Clothianidin*  
*EC50 (72 h) > 120 mg/l (growth rate), Pseudokirchneriella subcapitata (static)*  
*No observed effect concentration (72 h) 15 mg/l (growth rate), Pseudokirchneriella subcapitata (static)*  
*EC50 (14 d) > 121 mg/l, Lemna gibba (other, semistatic)*  
*No observed effect concentration (14 d) 59 mg/l, Lemna gibba (other, semistatic)*  
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### Chronic toxicity to fish

*Information on: Clothianidin*  
*No observed effect concentration (33 d) 20 mg/l, Pimephales promelas (OECD Guideline draft, Flow through.)*  
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### Chronic toxicity to aquatic invertebrates

*Information on: Clothianidin*  
*No observed effect concentration (21 d) 0.12 mg/l, Daphnia magna (OECD Guideline 211, semistatic)*  
*EC10 (28 d) 0.0004 mg/l, Chironomus riparius (other, static)*  
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## **Persistence and degradability**

### Assessment biodegradation and elimination (H2O)

The product has not been tested. The statement has been derived from the properties of the individual components.

### Assessment biodegradation and elimination (H2O)

*Information on: Clothianidin*

*Not readily biodegradable (by OECD criteria).*  
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## **Bioaccumulative potential**

### Assessment bioaccumulation potential

The product has not been tested. The statement has been derived from the properties of the individual components.

### Assessment bioaccumulation potential

*Information on: Clothianidin*  
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## **Mobility in soil**

### Assessment transport between environmental compartments

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 11/13  
(30834477/SDS\_CPA\_US/EN)

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: Clothianidin*

*Following exposure to soil, the product trickles away and can - dependant on degradation - be transported to deeper soil areas with larger water loads.*

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### Additional information

Other ecotoxicological advice:  
Do not discharge product into the environment without control.

## 13. Disposal considerations

### Waste disposal of substance:

Pesticide wastes are regulated. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### Container disposal:

Rinse thoroughly at least three times (triple rinse) in accordance with EPA recommendations. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

## 14. Transport Information

### Land transport

USDOT

Not classified as a dangerous good under transport regulations

### Sea transport

IMDG

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Marine pollutant:	YES
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains CLOTHIANIDIN SOLUTION)

### Air transport

IATA/ICAO

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains CLOTHIANIDIN SOLUTION)

### Further information

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 12/13  
(30834477/SDS\_CPA\_US/EN)

Product may be shipped as non-hazardous in suitable packages containing a net quantity of 5 L or less under the provisions of various regulatory agencies: ADR, RID, ADN: Special Provision 375; IMDG: 2.10.2.7; IATA: A197; TDG: Special Provision 99(2); 49CFR: §171.4 (c) (2) and also the Special Provision 375 in Appendix B which is regulated in China "Regulations Concerning Road Transportation of Dangerous Goods Part 3: Index of dangerous goods name and transportation requirements" (JT/T 617.3)

### 15. Regulatory Information

#### Federal Regulations

##### Registration status:

Crop Protection      TSCA, US      released / exempt

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

#### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
NJ	56-81-5	glycerol
PA	56-81-5	glycerol

#### **Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

**WARNING:** This product can expose you to chemicals including ETHYLBENZENE, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### **Labeling requirements under FIFRA**

This chemical is a pesticide product regulated 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 workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION:

KEEP OUT OF REACH OF CHILDREN.

Hazards to humans and domestic animals.

HARMFUL IF SWALLOWED.

Causes moderate eye irritation.

Avoid contact with the skin, eyes and clothing.

### 16. Other Information

#### **SDS Prepared by:**

BASF Agricultural Solutions US NA Product Regulations

SDS Prepared on: 2024/06/24

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our

# Safety Data Sheet

## Poncho Votivo Precise Seed Treatment

Revision date: 2024/06/24  
Version: 6.1

Page: 13/13  
(30834477/SDS\_CPA\_US/EN)

commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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END OF DATA SHEET