

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : VODA EXTREME

#### 1.2. Recommended use and restrictions on use

#### 1.3. Supplier

INNICTIS® BIOSCIENCE  
PLANT HEALTH TECHNOLOGIES  
P.O. Box 9296  
Boise ID 83707, - USA  
T 855-466-8428

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-424-9300

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

No labelling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
poly(acrylamide)	(CAS-No.) 9003-05-8	25	Not classified
poly(ethylene glycol)-B-poly(propylene glycol)-B-poly(ethylene glycol) MM=1100	(CAS-No.) 9003-11-6	8	Not classified
nonylphenoxypoly(ethyleneoxy)ethanol (9EO)	(CAS-No.) 9016-45-9	7	Skin Irrit. 2, H315 Eye Irrit. 2B, H320

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

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

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### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>VODA EXTREME</b>
No additional information available
<b>poly(ethylene glycol)-B-poly(propylene glycol)-B-poly(ethylene glycol) MM=1100 (9003-11-6)</b>
No additional information available
<b>nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)</b>
No additional information available
<b>poly(acrylamide) (9003-05-8)</b>
No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

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### 8.3. Individual protection measures/Personal protective equipment

**Hand protection:**

Protective gloves

**Eye protection:**

Safety glasses

**Skin and body protection:**

Wear suitable protective clothing

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

**Personal protective equipment symbol(s):**

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Slightly hazy to clear golden yellow
Odour	: There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour: No data available on odour Mild odour
Odour threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 93 °C
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.923 g/mL
Density	: 7.7 lb/gal
Solubility	: Dispersible.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 20.5 mm <sup>2</sup> /s
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

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.

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### 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

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

<b>poly(ethylene glycol)-B-poly(propylene glycol)-B-poly(ethylene glycol) MM=1100 (9003-11-6)</b>	
LD50 oral rat	> 5000 mg/kg (Rat)

<b>nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)</b>	
LD50 oral rat	> 1310 mg/kg

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : 20.5 mm<sup>2</sup>/s

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

<b>nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)</b>	
LC50 fish 1	5 mg/l (96 h; Gasterosteus aculeatus; Intermittent flow)
EC50 other aquatic organisms 1	500 mg/l (Selenastrum capricornutum; Chronic)
LC50 fish 2	7 mg/l (96 h; Leuciscus idus)
Threshold limit algae 1	500 mg/l (Selenastrum capricornutum; Cell numbers)

### 12.2. Persistence and degradability

<b>poly(ethylene glycol)-B-poly(propylene glycol)-B-poly(ethylene glycol) MM=1100 (9003-11-6)</b>	
Persistence and degradability	Biodegradability in water: no data available. Not established.

<b>nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)</b>	
Persistence and degradability	Not readily biodegradable in water. Not established.

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<b>poly(acrylamide) (9003-05-8)</b>	
Persistence and degradability	Not readily biodegradable in water.

### 12.3. Bioaccumulative potential

<b>poly(ethylene glycol)-B-poly(propylene glycol)-B-poly(ethylene glycol) MM=1100 (9003-11-6)</b>	
Bioaccumulative potential	No bioaccumulation data available. Not established.

<b>nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)</b>	
Partition coefficient n-octanol/water (Log Pow)	> 4
Bioaccumulative potential	Not established.

<b>poly(acrylamide) (9003-05-8)</b>	
Bioaccumulative potential	No bioaccumulation data available.

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not regulated

### Transportation of Dangerous Goods

Not regulated

### Transport by sea

Not regulated

### Air transport

Not regulated

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

<b>poly(ethylene glycol)-B-poly(propylene glycol)-B-poly(ethylene glycol) MM=1100 (9003-11-6)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

<b>nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA Labeling Requirements	SP - SP - indicates a substance that is identified in a proposed Significant New Use Rule.

### 15.2. International regulations

#### CANADA

<b>nonylphenoxypoly(ethyleneoxy)ethanol (9EO) (9016-45-9)</b>	
Listed on the Canadian DSL (Domestic Substances List)	

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

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### 15.3. US State regulations

No additional information available

### SECTION 16: Other information

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Full text of H-statements:

H315	Causes skin irritation.
H320	Causes eye irritation

SDS US (GHS HazCom 2012)

*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.*