

# Brand X

## Safety Data Sheet

(5/5/16)

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### 1.1. Product identifier

Product name : Brand X

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

Use of the substance/mixture : Plant Spray

### 1.3. Details of the supplier of the safety data sheet

Southwest Plantscape Products  
265 Durley Ave  
Camarillo, CA 93010

### 1.4. Emergency telephone number

(805) 988-0529

### 2.1. Classification of the substance or mixture

#### Classification (GHS-US)

Eye Irrit. 2A H319

Repr. 2 H361

Full text of H-phrases: see section 16

### 2.2. Label elements

#### 2.2. Label elements GHS-US labeling

Hazard pictograms (GHS-US) :

GHS07 GHS08

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H319 - Causes serious eye irritation

H361 - Suspected of damaging fertility or the unborn child

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood P264 - Wash thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P308 + P313 - If exposed or concerned: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P405 - Store locked up  
 P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

### 2.3. Other hazards

No additional information available

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

Not applicable

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Poly(oxy-1,2-ethanediyl), .alpha-(2-propylheptyl)-.omega.- hydroxy-	(CAS No) 160875-66-1	Trade Secret	Not classified
C.I. Food Green 3	(CAS No) 2353-45-9	Trade Secret	Muta. 2, H341
Lemon oil	(CAS No) 8008-56-8	Trade Secret	Not classified
Octamethylcyclotetrasiloxane	(CAS No) 556-67-2	Trade Secret	Flam. Liq. 3, H226 Repr. 2, H361 Aquatic Chronic 4, H413

Full text of H-phrases: see section 16

### 4.1. Description of first aid measures

- First-aid measures after inhalation : If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing.
- First-aid measures after skin contact : After contact with skin, wash immediately with plenty of water and soap.
- First-aid measures after eye contact : 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 poison control center or doctor for treatment advice.
- First-aid measures after ingestion : Get immediate medical attention.

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

- Symptoms/injuries after inhalation : None under normal use.
- Symptoms/injuries after skin contact : None under normal use.
- Symptoms/injuries after eye contact : Causes serious eye irritation.
- Symptoms/injuries after ingestion : May be harmful if swallowed.

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

No additional information available

#### 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.

Explosion hazard : None known.

### 5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

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

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Stop the flow of material, if this is without risk.

Methods for cleaning up : Confine spill and soak up with absorbent. Place in an approved container and dispose in accordance with local, state and federal regulations.

### 6.4. Reference to other sections

No additional information available \_\_\_\_\_

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Wash thoroughly after handling.

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**7.2. Conditions for safe storage, including any incompatibilities**  
Storage conditions : Store in dry, cool, well-ventilated area.

### 7.3. Specific end use(s)

No additional information available

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

### 8.1. Control parameters

**Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy- (160875-66-1)**  
ACGIH Not applicable  
OSHA Not applicable

**Octamethylcyclotetrasiloxane (556-67-2)**  
ACGIH Not applicable  
OSHA Not applicable

**C.I. Food Green 3 (2353-45-9)**  
ACGIH Not applicable  
OSHA Not applicable

**Lemon oil (8008-56-8)**  
ACGIH Not applicable  
OSHA Not applicable

### 8.2. Exposure controls

Appropriate engineering controls : General (mechanical) room ventilation is expected to be satisfactory for normal handling.  
Hand protection : None required under normal product handling conditions.  
Eye protection : None required under normal product handling conditions.  
Skin and body protection : None required under normal product handling conditions.  
Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

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

Physical state : Liquid  
Color : Green  
Odor : Lemon  
Odor threshold : No data available  
pH : 7

Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	> 65 °C
Flash point	:	> 100 °C
Relative evaporation rate (butyl acetate=1)	:	No data available
Flammability (solid, gas)	:	No data available
Explosion limits	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Vapor pressure	:	No data available
Relative density	:	No data available
Relative vapor density at 20 °C	:	No data available
Solubility	:	No data available
Log Pow	:	No data available
Log Kow	:	No data available

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Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available

## 9.2. Other information

No additional information available

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

Will not occur.

### 10.4. Conditions to avoid

None.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Formaldehyde

## 11.1. Information on toxicological effects

Acute toxicity : Not classified

### Octamethylcyclotetrasiloxane (556-67-2)

LD50 dermal rabbit	794 µl/kg
LC50 inhalation rat (mg/l)	36 g/m <sup>3</sup> (Exposure time: 4 h)
ATE US (vapors)	36.000 mg/l/4h
ATE US (dust, mist)	36.000 mg/l/4h

### Lemon oil (8008-56-8)

LD50 oral rat	2840 mg/kg
ATE US (oral)	2840.000 mg/kg body weight

Skin corrosion/irritation : Not classified pH: 7  
Serious eye damage/irritation : Causes serious eye irritation. pH: 7  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

**C.I. Food Green 3 (2353-45-9)**  
IARC group 3 - Not classifiable

Reproductive toxicity : Suspected of damaging fertility or the unborn child.  
Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

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## 12.1. Toxicity

### Octamethylcyclotetrasiloxane (556-67-2)

LC50 fish 1 > 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)

LC50 fish 2 > 1000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

## 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

### Octamethylcyclotetrasiloxane (556-67-2)

BCF fish 1 12400

Log Pow 5.1

## 12.4. Mobility in soil

No additional information available

## 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

## 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

## Department of Transportation (DOT)

In accordance with DOT

Not a dangerous good as defined in transport regulations

### 15.1. US Federal regulations

#### **Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy- (160875-66-1)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### **Octamethylcyclotetrasiloxane (556-67-2)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.

#### **C.I. Food Green 3 (2353-45-9)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### **Lemon oil (8008-56-8)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. US State regulations

No additional information available

Full text of H-phrases::

Aquatic Chronic 4	Hazardous to the aquatic environment - Chronic Hazard Category 4
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Muta. 2	Germ cell mutagenicity Category 2
Repr. 2	Reproductive toxicity Category 2
H226	Flammable liquid and vapor

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H319	Causes serious eye irritation
H341	Suspected of causing genetic defects
H361	Suspected of damaging fertility or the unborn child
H413	May cause long lasting harmful effects to aquatic life

*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*