

# Simplot Grower Solutions 19-13-7.8 Potting Mix

## Safety Data Sheet

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

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : Simplot Grower Solutions 19-13-7.8 Potting Mix  
Product code : M77518

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

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

JR Simplot Company  
Boise, ID 83707  
T 1-208-336-2110

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-424-9300

### SECTION 2: Hazards identification

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

##### Classification (GHS-US)

Skin Irrit. 2 H315  
Eye Irrit. 2B H320  
STOT SE 3 H335

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H315 - Causes skin irritation  
H320 - Causes eye irritation  
H335 - May cause respiratory irritation

Precautionary statements (GHS-US) :

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 - Wash ... thoroughly after handling  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P302 + P352 - If on skin: Wash with plenty of water/...  
P304 + P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P312 - Call a poison center/doctor/... if you feel unwell  
P321 - Specific treatment (see ... on this label)  
P332 + P313 - If skin irritation occurs: Get medical advice/attention  
P337 + P313 - If eye irritation persists: Get medical advice/attention  
P362 - Take off contaminated clothing and wash before reuse  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
P405 - Store locked up  
P501 - Dispose of contents/container to ... specify in accordance with local/regional/national regulations

#### 2.3. Other hazards

No additional information available

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

No data available

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
urea	(CAS No) 57-13-6		Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3, H335
Potassium Magnesium Sulfate	(CAS No) 13826-56-7		Not classified
Polymer Coating			Not classified
sulfur	(CAS No) 7704-34-9		Skin Irrit. 2, H315 Eye Irrit. 2B, H320
potassium chloride	(CAS No) 7447-40-7		Not classified
Pigment			Not classified
Monoammonium Phosphate	(CAS No) 7722-76-1		Eye Irrit. 2B, H320 STOT SE 3, H335
Calcium Phosphate	(CAS No) 7758-23-8		Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3, H335
Dicalcium Phosphate	(CAS No) 7757-93-9		Eye Irrit. 2B, H320
Maleate copolymer w/ ammonium salt	(CAS No) 701908-99-8		Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3, H335
Water	(CAS No) 7732-18-5		Not classified
CALCIUM SULFATE HYDRATE	(CAS No) 13397-24-5		Eye Irrit. 2B, H320 STOT SE 3, H335
iron(II)sulfate	(CAS No) 7720-78-7		Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315
zinc sulfate, monohydrate	(CAS No) 7446-19-7		Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
disodium tetraborate, pentahydrate	(CAS No) 12179-04-3		Not classified
wax (paraffins- petroleum)	(CAS No) 64771-72-8		Not classified
diatomaceous earth	(CAS No) 61790-53-2		Eye Irrit. 2B, H320 STOT SE 3, H335
Wax	(CAS No) 64771-72-8		Not classified

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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

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

No additional information available

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### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

- Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

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

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

sulfur (7704-34-9)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>

  

iron(II)sulfate (7720-78-7)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>

  

disodium tetraborate, pentahydrate (12179-04-3)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
USA ACGIH	ACGIH STEL (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>

### 8.2. Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Respiratory protection : Wear appropriate mask.
- Other information : Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Appearance	: Multicolored granules.
Color	: Multi-colored
Odor	: No data available on odour
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: Solubility in water of component(s) of the mixture : •: 100 g/100ml •: •: •: 38 g/100ml •: •: 26 g/100ml •: 35 g/100ml •: 1.8 g/100ml •: 0.010 g/100ml •: 34 g/100ml •: 3.6 g/100ml
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Stable.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Extremely high temperatures.

#### 10.5. Incompatible materials

Strong acids. Oxidizing agent. Prolonged contact may cause oxidation of unprotected metals.

#### 10.6. Hazardous decomposition products

Chlorine gas. The product may reach melting point and decompose to release NH<sub>3</sub>, SO<sub>x</sub>, PO<sub>x</sub>, or CN.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### urea (57-13-6)

LD50 oral rat	8471 mg/kg (Rat)
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<b>urea (57-13-6)</b>	
LD50 dermal rat	> 3200 mg/kg (Rat)
LD50 dermal rabbit	> 21000 mg/kg (Rabbit)
ATE US (oral)	8471.00000000 mg/kg body weight

<b>wax (paraffins- petroleum) (64771-72-8)</b>	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)

<b>Monoammonium Phosphate (7722-76-1)</b>	
LD50 oral rat	5750 mg/kg (Rat)
LD50 dermal rat	> mg/kg
LD50 dermal rabbit	> 7940 mg/kg (Rabbit)
ATE US (oral)	5750.00000000 mg/kg body weight

<b>sulfur (7704-34-9)</b>	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 9.23 mg/l/4h (Rat)

<b>iron(II)sulfate (7720-78-7)</b>	
LD50 oral rat	319 mg/kg (Rat; Literature)
ATE US (oral)	319.00000000 mg/kg body weight

<b>potassium chloride (7447-40-7)</b>	
LD50 oral rat	2600 mg/kg (Rat)
ATE US (oral)	2600.00000000 mg/kg body weight

<b>Calcium Phosphate (7758-23-8)</b>	
LD50 oral rat	17500 mg/kg (Rat; Literature)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit; Literature)
ATE US (oral)	17500.00000000 mg/kg body weight

<b>Dicalcium Phosphate (7757-93-9)</b>	
LD50 oral rat	10000 mg/kg (Rat)
LD50 dermal rat	7940 mg/kg (Rat)
ATE US (oral)	10000.00000000 mg/kg body weight
ATE US (dermal)	7940.00000000 mg/kg body weight

<b>zinc sulfate, monohydrate (7446-19-7)</b>	
LD50 oral rat	1710 mg/kg
ATE US (oral)	1710.00000000 mg/kg body weight

<b>disodium tetraborate, pentahydrate (12179-04-3)</b>	
LD50 oral rat	> 2000 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Literature study; >2500 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit; Experimental value; Other)

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes eye irritation.  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Based on available data, the classification criteria are not met  
Carcinogenicity : Not classified

<b>diatomaceous earth (61790-53-2)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified  
Based on available data, the classification criteria are not met  
Specific target organ toxicity (single exposure) : May cause respiratory irritation.

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Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>urea (57-13-6)</b>	
LC50 fish 1	> 6810 mg/l (96 h; <i>Leuciscus idus</i> )
EC50 Daphnia 1	> 10000 mg/l (48 h; <i>Daphnia magna</i> )
LC50 fish 2	17500 mg/l (96 h; <i>Poecilia reticulata</i> )
EC50 Daphnia 2	> 10000 mg/l (24 h; <i>Daphnia magna</i> )
TLM fish 1	17500 ppm (96 h; <i>Poecilia reticulata</i> )
Threshold limit other aquatic organisms 1	120000 mg/l (16 h; Bacteria; Toxicity test)
Threshold limit other aquatic organisms 2	> 10000 mg/l ( <i>Pseudomonas putida</i> )
Threshold limit algae 2	> 10000 mg/l (168 h; <i>Scenedesmus quadricauda</i> )

<b>Monoammonium Phosphate (7722-76-1)</b>	
LC50 fish 1	155 ppm (96 h; <i>Pimephales promelas</i> )

<b>sulfur (7704-34-9)</b>	
LC50 fish 1	866 mg/l (96 h; <i>Brachydanio rerio</i> )
LC50 fish 2	> 100 mg/l 96 h; <i>Salmo gairdneri</i> ( <i>Oncorhynchus mykiss</i> )
TLM fish 1	10000 ppm (96 h; <i>Gambusia affinis</i> )
Threshold limit other aquatic organisms 1	> 10000 mg/l (24 h; <i>Daphnia magna</i> )

<b>iron(II)sulfate (7720-78-7)</b>	
LC50 fish 1	925 mg/l (96 h; <i>Poecilia reticulata</i> ; Heptahydrate)
EC50 Daphnia 1	7.2 mg/l (48 h; <i>Daphnia magna</i> ; Metal ion)
LC50 fish 2	100 mg/l (96 h; <i>Oryzias latipes</i> ; GLP)
EC50 Daphnia 2	152 mg/l (48 h; <i>Daphnia magna</i> ; Heptahydrate)
Threshold limit algae 1	130 mg/l (72 h; <i>Pseudokirchneriella subcapitata</i> ; Heptahydrate)
Threshold limit algae 2	3.2 mg/l (72 h; <i>Pseudokirchneriella subcapitata</i> ; Heptahydrate)

<b>potassium chloride (7447-40-7)</b>	
LC50 fish 1	920 mg/l (96 h; <i>Gambusia affinis</i> ; Static system)
EC50 Daphnia 1	630 mg/l (48 h; <i>Ceriodaphnia dubia</i> )
LC50 fish 2	2010 mg/l (96 h; <i>Lepomis macrochirus</i> ; Static system)
EC50 Daphnia 2	660 mg/l (48 h; <i>Daphnia magna</i> )
Threshold limit algae 1	850 mg/l (72 h; <i>Scenedesmus subspicatus</i> )
Threshold limit algae 2	> 100 mg/l (72 h; <i>Scenedesmus subspicatus</i> ; GLP)

<b>zinc sulfate, monohydrate (7446-19-7)</b>	
LC50 fish 1	1.7 mg/l (96 h; <i>Poecilia reticulata</i> ; Anhydrous form)
EC50 Daphnia 1	0.56 mg/l (48 h; <i>Daphnia magna</i> ; Anhydrous form)
LC50 fish 2	2.4 mg/l (96 h; <i>Salmo gairdneri</i> ( <i>Oncorhynchus mykiss</i> ); Anhydrous form)
EC50 Daphnia 2	1 mg/l (24 h; <i>Daphnia magna</i> ; Anhydrous form)

<b>disodium tetraborate, pentahydrate (12179-04-3)</b>	
LC50 fish 1	100 - 1000 mg/l (96 h; Pisces; Decahydrate)
LC50 other aquatic organisms 1	100 - 100 mg/l (96 h)
EC50 Daphnia 1	340 mg/l (24 h; <i>Daphnia magna</i> ; Anhydrous form)
LC50 fish 2	1900 mg/l ( <i>Pimephales promelas</i> )
TLM fish 1	8200 ppm (48 h; <i>Gambusia affinis</i> ; Anhydrous form)
Threshold limit other aquatic organisms 1	100 - 100,96 h; Protozoa; Anhydrous form
Threshold limit other aquatic organisms 2	1 mg/l (72 h)
Threshold limit algae 1	47 mg/l (96 h; <i>Scenedesmus subspicatus</i> ; Anhydrous form)

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<b>disodium tetraborate, pentahydrate (12179-04-3)</b>	
Threshold limit algae 2	0.58 mg/l (Scenedesmus quadricauda; Anhydrous form)

### 12.2. Persistence and degradability

<b>Simplot Grower Solutions 19-13-7.8 Potting Mix</b>	
Persistence and degradability	Not established.

<b>Potassium Magnesium Sulfate (13826-56-7)</b>	
Persistence and degradability	Not established.

<b>CALCIUM SULFATE HYDRATE (13397-24-5)</b>	
Persistence and degradability	Not established.

<b>urea (57-13-6)</b>	
Persistence and degradability	Inherently biodegradable. Hydrolysis in water. Not established.
ThOD	0.27 g O <sub>2</sub> /g substance

<b>wax (paraffins- petroleum) (64771-72-8)</b>	
Persistence and degradability	Readily biodegradable in water.

<b>diatomaceous earth (61790-53-2)</b>	
Persistence and degradability	Biodegradability: not applicable. Not established.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

<b>Wax (64771-72-8)</b>	
Persistence and degradability	Not established.

<b>Monoammonium Phosphate (7722-76-1)</b>	
Persistence and degradability	Biodegradability in water: no data available. Not established.

<b>sulfur (7704-34-9)</b>	
Persistence and degradability	Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil. Not established.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

<b>Pigment</b>	
Persistence and degradability	Not established.

<b>iron(II)sulfate (7720-78-7)</b>	
Persistence and degradability	Biodegradability in water: no data available. No (test)data on mobility of the substance available. Not established.

<b>potassium chloride (7447-40-7)</b>	
Persistence and degradability	Biodegradability: not applicable. Not established.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

<b>Calcium Phosphate (7758-23-8)</b>	
Persistence and degradability	Biodegradability: not applicable. Not established.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

<b>Dicalcium Phosphate (7757-93-9)</b>	
Persistence and degradability	Biodegradability: not applicable. Not established.

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<b>Dicalcium Phosphate (7757-93-9)</b>	
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

<b>Maleate copolymer w/ ammonium salt (701908-99-8)</b>	
Persistence and degradability	Not established.

<b>Water (7732-18-5)</b>	
Persistence and degradability	Not established.

<b>zinc sulfate, monohydrate (7446-19-7)</b>	
Persistence and degradability	Biodegradability: not applicable. Not established.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

<b>disodium tetraborate, pentahydrate (12179-04-3)</b>	
Persistence and degradability	Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

### 12.3. Bioaccumulative potential

<b>Simplot Grower Solutions 19-13-7.8 Potting Mix</b>	
Bioaccumulative potential	Not established.

<b>Potassium Magnesium Sulfate (13826-56-7)</b>	
Bioaccumulative potential	Not established.

<b>CALCIUM SULFATE HYDRATE (13397-24-5)</b>	
Bioaccumulative potential	Not established.

<b>urea (57-13-6)</b>	
BCF fish 1	1 (72 h; Brachydanio rerio; Fresh water)
BCF other aquatic organisms 1	11700 (Chlorella sp.)
Log Pow	-2.59 - -1.59
Bioaccumulative potential	Bioaccumulation: not applicable. Not established.

<b>wax (paraffins- petroleum) (64771-72-8)</b>	
Bioaccumulative potential	No bioaccumulation data available.

<b>diatomaceous earth (61790-53-2)</b>	
Bioaccumulative potential	No bioaccumulation data available. Not established.

<b>Wax (64771-72-8)</b>	
Bioaccumulative potential	Not established.

<b>Monoammonium Phosphate (7722-76-1)</b>	
Bioaccumulative potential	Not bioaccumulative. Not established.

<b>sulfur (7704-34-9)</b>	
Log Pow	0.23 (Estimated value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

<b>Pigment</b>	
Bioaccumulative potential	Not established.

<b>iron(II)sulfate (7720-78-7)</b>	
BCF fish 1	2 - 20 (28 days; Cyprinus carpio; Heptahydrate)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500). Not established.



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<b>potassium chloride (7447-40-7)</b>	
Log Pow	-0.46 (Estimated value)
Bioaccumulative potential	Bioaccumulation: not applicable. Not established.
<b>Calcium Phosphate (7758-23-8)</b>	
Bioaccumulative potential	No bioaccumulation data available. Not established.
<b>Dicalcium Phosphate (7757-93-9)</b>	
Bioaccumulative potential	Not bioaccumulative. Not established.
<b>Maleate copolymer w/ ammonium salt (701908-99-8)</b>	
Bioaccumulative potential	Not established.
<b>Water (7732-18-5)</b>	
Bioaccumulative potential	Not established.
<b>zinc sulfate, monohydrate (7446-19-7)</b>	
BCF fish 1	59 - 242 (Cyprinus carpio; Anhydrous form)
BCF fish 2	59 - 242 (Cyprinus carpio; Test duration: 8 weeks)
Bioaccumulative potential	Bioaccumable. Not established.
<b>disodium tetraborate, pentahydrate (12179-04-3)</b>	
Bioaccumulative potential	Not bioaccumulative.

### 12.4. Mobility in soil

<b>sulfur (7704-34-9)</b>	
Ecology - soil	Not toxic to bees.
<b>disodium tetraborate, pentahydrate (12179-04-3)</b>	
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.

### 12.5. Other adverse effects

Effect on ozone layer	: No additional information available
Effect on the global warming	: No known ecological damage caused by this product.
Other information	: Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT  
Not regulated for transport

### Additional information

Other information	: No supplementary information available.
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### ADR

Transport document description	:
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### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

<b>Simplot Grower Solutions 19-13-7.8 Potting Mix</b>
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

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All components of this product are listed on the Toxic Substances Control Act (TSCA) inventory except for:

Potassium Magnesium Sulfate	CAS No 13826-56-7
Calcium Sulfate Hemihydrate	CAS No 13397-24-5
Polymer Coating	CAS No
wax (paraffins- petroleum)	CAS No 64771-72-8
Pigment	CAS No
zinc sulfate, monohydrate	CAS No 7446-19-7
disodium tetraborate, pentahydrate	CAS No 12179-04-3

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### Potassium Magnesium Sulfate (13826-56-7)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

#### CALCIUM SULFATE HYDRATE (13397-24-5)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Pigment

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

#### iron(II)sulfate (7720-78-7)

Not listed on SARA Section 313 (Specific toxic chemical listings)

RQ (Reportable quantity, section 304 of EPA's List of Lists) :	1000 lb
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#### zinc sulfate, monohydrate (7446-19-7)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

#### disodium tetraborate, pentahydrate (12179-04-3)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

#### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### 15.2.2. National regulations

No additional information available

### 15.3. US State regulations

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

#### CALCIUM SULFATE HYDRATE (13397-24-5)

U.S. - New Jersey - Right to Know Hazardous Substance List

#### diatomaceous earth (61790-53-2)

U.S. - New Jersey - Right to Know Hazardous Substance List

# Simplot Grower Solutions 19-13-7.8 Potting Mix

## Safety Data Sheet

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

### sulfur (7704-34-9)

U.S. - New Jersey - Right to Know Hazardous Substance List

### iron(II)sulfate (7720-78-7)

U.S. - Massachusetts - Right To Know List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

## SECTION 16: Other information

Data sources :  
REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H-phrases: see section 16:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H320	Causes eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

SDS US (GHS HazCom 2012)

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