

# Simplot Partners 42-0-0 Custom Blend Willamette Landscaping Services

## Safety Data Sheet

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

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Simplot Partners 42-0-0 Custom Blend Willamette Landscaping Services  
Product code : M19750

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

No additional information available

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

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazard(s) identification

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

##### GHS-US classification

Serious eye damage/eye irritation, Category 2B H320

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS-US labelling

Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) : H320 - Causes eye irritation  
Precautionary statements (GHS-US) : P264 - Wash hands, forearms and face thoroughly after handling  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337+P313 - If eye irritation persists: Get medical attention

#### 2.3. Other hazards

No additional information available

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

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name               | Product identifier  | % | GHS-US classification                  |
|--------------------|---------------------|---|--|
| urea (57-13-6)     | (CAS No) 57-13-6    |   | Eye Irrit. 2B, H320                    |
| Polymer Coating    |                     |   | Not classified                         |
| Wax                | (CAS No) 64771-72-8 |   | Not classified                         |
| diatomaceous earth | (CAS No) 61790-53-2 |   | Eye Irrit. 2B, H320<br>STOT SE 3, H335 |

Full text of H-statements: see section 16

### 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 : Allow breathing of fresh air. 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.

# Simplot Partners 42-0-0 Custom Blend Willamette Landscaping Services

## Safety Data Sheet

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

- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- 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 after eye contact : Causes eye irritation.

### 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

### 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 vapour.

### 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.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Polymer Coating

Not applicable

#### Wax (64771-72-8)

Not applicable

# Simplot Partners 42-0-0 Custom Blend Willamette Landscaping Services

## Safety Data Sheet

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

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

Not applicable

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

Not applicable

## 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. |

## SECTION 9: Physical and chemical properties

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

|  |  |
|--|--|
| Physical state                             | : Solid  |
| Colour                                     | : Mixture contains one or more component(s) which have the following colour(s):<br>Colourless White to light grey White  |
| Odour                                      | : There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure.<br>Mixture contains one or more component(s) which have the following odour(s):<br>Odourless In moist air: Ammonia odour |
| Odour threshold                            | : No data available  |
| pH   | : No data available  |
| Melting point                              | : No data available  |
| Freezing point                             | : No data available  |
| Boiling point                              | : No data available  |
| Flash point                                | : No data available  |
| Relative evaporation rate (butylacetate=1) | : No data available  |
| Flammability (solid, gas)                  | : No data available  |
| Explosive limits                           | : No data available  |
| Explosive properties                       | : No data available  |
| Oxidising properties                       | : No data available  |
| Vapour pressure                            | : No data available  |
| Relative density                           | : No data available  |
| Relative vapour density at 20 °C           | : No data available  |
| Solubility                                 | : Water: Solubility in water of component(s) of the mixture :<br>• diatomaceous earth: insoluble • urea (57-13-6): 100 g/100ml   |
| Log Pow                                    | : No data available  |
| 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

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

# Simplot Partners 42-0-0 Custom Blend Willamette Landscaping Services

## Safety Data Sheet

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

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| urea (57-13-6) (57-13-6) |  |
|--------------------------|--|
| LD50 oral rat            | 8471 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Literature study; 14300 mg/kg bodyweight; Rat; Experimental value) |
| LD50 dermal rat          | > 3200 mg/kg (Rat; Literature study)   |
| LD50 dermal rabbit       | > 21000 mg/kg (Rabbit; Literature study)   |
| ATE US (oral)            | 8471.000 mg/kg bodyweight  |

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

| diatomaceous earth (61790-53-2) |                      |
|---------------------------------|----------------------|
| IARC group                      | 3 - Not classifiable |

Reproductive toxicity : Not classified  
Specific target organ toxicity (single exposure) : Not classified  
  
Specific target organ toxicity (repeated exposure) : Not classified  
  
Aspiration hazard : Not classified  
  
Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.  
Symptoms/injuries after eye contact : Causes eye irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

| urea (57-13-6) (57-13-6)                  |  |
|---|--|
| LC50 fish 1                               | > 6810 mg/l (96 h; Leuciscus idus; Nominal concentration)  |
| EC50 Daphnia 1                            | > 10000 mg/l (48 h; Daphnia magna; Nominal concentration)  |
| LC50 fish 2                               | 17500 mg/l (96 h; Poecilia reticulata)                     |
| EC50 Daphnia 2                            | > 10000 mg/l (24 h; Daphnia magna)                         |
| TLM fish 1                                | 17500 ppm (96 h; Poecilia reticulata)                      |
| Threshold limit other aquatic organisms 1 | 120000 mg/l (16 h; Bacteria; Toxicity test)                |
| Threshold limit other aquatic organisms 2 | > 10000 mg/l (Pseudomonas putida)                          |
| Threshold limit algae 1                   | > 10000 mg/l (168 h; Scenedesmus quadricauda; Growth rate) |
| Threshold limit algae 2                   | 47 mg/l (192 h; Microcystis aeruginosa; Growth rate)       |

# Simplot Partners 42-0-0 Custom Blend Willamette Landscaping Services

## Safety Data Sheet

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

### 12.2. Persistence and degradability

| Simplot Partners 42-0-0 Custom Blend Willamette Landscaping Services |   |
|--|---|
| Persistence and degradability  | Not established.  |
| Wax (64771-72-8)   |   |
| Persistence and degradability  | Not established.  |
| diatomaceous earth (61790-53-2)                                      |   |
| 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  |
| urea (57-13-6) (57-13-6)   |   |
| Persistence and degradability  | Inherently biodegradable. Hydrolysis in water. Not established. |
| ThOD   | 0.27 g O <sub>2</sub> /g substance                              |

### 12.3. Bioaccumulative potential

| Simplot Partners 42-0-0 Custom Blend Willamette Landscaping Services |  |
|--|--|
| Bioaccumulative potential  | Not established.   |
| Wax (64771-72-8)   |  |
| Bioaccumulative potential  | Not established.   |
| diatomaceous earth (61790-53-2)                                      |  |
| Bioaccumulative potential  | No bioaccumulation data available. Not established.                |
| urea (57-13-6) (57-13-6)   |  |
| BCF fish 1   | 1 (72 h; Brachydanio rerio; Fresh water)                           |
| BCF other aquatic organisms 1  | 11700 (Chlorella sp.)  |
| Log Pow  | < -1.73 (Experimental value; EU Method A.8: Partition Coefficient) |
| Bioaccumulative potential  | Bioaccumulation: not applicable. Not established.                  |

### 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.

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

### Department of Transportation (DOT)

In accordance with DOT  
Not regulated for transport

### TDG

No additional information available

### Transport by sea

No additional information available

# Simplot Partners 42-0-0 Custom Blend Willamette Landscaping Services

## Safety Data Sheet

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

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

| Polymer Coating | CAS No | % |
|-----------------|--------|---|
|-----------------|--------|---|

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.

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### 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, developmental and/or reproductive harm

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

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

## SECTION 16: Other information

Other information : None.

Full text of H-statements:

|      |                                  |
|------|----------------------------------|
| H320 | Causes eye irritation            |
| H335 | May cause respiratory 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*