



# Safety Data Sheet

Preparation Date 06-Apr-2016

Revision date 14-May-2020

Revision Number: 3

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Identification of the product

**Product Description** Zeba SP

### Other means of identification

**Product code** ST-20160406A

### Recommended use of the chemical and restrictions on use

**Recommended use** Soil Amendment.

**Uses advised against** Non labeled activities

### Details of the Supplier of the Safety Data Sheet

#### Supplier Address

UPL NA Inc.  
630 Freedom Business Center  
Suite 402  
King of Prussia, PA 19406

#### Emergency telephone number

**Company Phone Number** 1-800-438-6071

**Emergency telephone number** Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887  
Medical: Rocky Mountain Poison and Drug Safety (866) 673-6671 (24hrs)

## 2. Hazards Identification

### Classification

#### OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

### Label elements

#### EMERGENCY OVERVIEW

**Appearance** Granule/Powder      **Physical state** solid      **Odor** Slight to Strong Ammonia

### Hazards Not Otherwise Classified (HNOC)

#### OTHER INFORMATION

- Powdered material may form explosive dust-air mixture

## 3. Composition/information on Ingredients

Chemical name	CAS No	Weight-%
Starch-g-poly(propenamide-co-2-propenoic acid) potassium salt	863132-14-3	88

The product contains no substances which at their given concentration, are considered to be hazardous to health under the OSHA 2012 HazCom.

#### 4. First aid measures

##### FIRST AID MEASURES

<b>Eye contact</b>	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
<b>Inhalation</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
<b>Ingestion</b>	Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.

##### Most Important Symptoms and Effects, Both Acute and Delayed

**Most Important Symptoms and Effects** no data available.

##### Indication of Any Immediate Medical Attention and Special Treatment Needed

**Notes to physician** Treat symptomatically.

#### 5. Fire-fighting measures

##### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** no data available.

##### Specific hazards arising from the chemical

Dust explosion characteristics vary with the particle size, particle shape, moisture content, contaminants, and other variables. Dust clouds generated during handling and/or storage can form explosive mixtures with air.

**Hazardous combustion products** Carbon oxides.

##### Explosion data

**Sensitivity to Static Discharge** yes.  
Material may accumulate a static charge which could act as an ignition source.

##### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. Accidental release measures

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

**Personal Precautions** Avoid contact with skin and eyes. Avoid dust formation. Remove all sources of ignition. Provide adequate ventilation. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling.

##### Environmental Precautions

**Environmental precautions** Consult a regulatory specialist to determine appropriate state or local reporting

requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

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

**Methods for Clean-Up** Avoid dust formation. Take up mechanically and collect in suitable container for disposal. Remove all ignition sources.

### 7. Handling and Storage

#### Precautions for safe handling

**Handling** Avoid dust formation. Avoid contact with skin and eyes. Take precautionary measures against static discharges. Provide adequate ventilation. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Keep out of reach of children.

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

**Storage** Keep in a dry, cool and well-ventilated place. Keep out of the reach of children.

**incompatible materials** OXIDIZERS.

### 8. Exposure Controls/Personal Protection

**Exposure guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering controls** Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

#### Personal protective equipment

##### **Eye/Face Protection**

Use eye protection to avoid eye contact. Where there is potential for eye contact have eye flushing equipment available. Safety glasses with side-shields.

##### **Skin protection**

Wear protective gloves/clothing. Socks and footwear.

##### **Respiratory protection**

Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

#### **General hygiene considerations**

Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Physical state</b>	solid	<b>Odor</b>	Slight to Strong Ammonia
<b>Appearance</b>	Granule/Powder		
<b>color</b>	white to light brown		

**Flash Point** 375 °C / **Flash point (°F) VALUE**  
707 °F

Specific gravity <1

## OTHER INFORMATION

### 10. Stability and Reactivity

#### Reactivity

no data available

#### Chemical stability

Stable under recommended storage conditions.

#### Possibility of hazardous reactions

None under normal processing.

#### Conditions to avoid

Keep away from children. Avoid dust formation. May form explosive mixtures with air.

#### incompatible materials

OXIDIZERS.

#### Hazardous decomposition products

Carbon oxides.

### 11. Toxicological Information

#### Information on Likely Routes of Exposure

<b>Inhalation</b>	There is no data available for this product.
<b>Eye contact</b>	There is no data available for this product.
<b>Skin contact</b>	There is no data available for this product.
<b>Ingestion</b>	There is no data available for this product.

#### Information on Toxicological Effects

**Symptoms** No information available.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	no data available.
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.
<b>Reproductive effects</b>	Not Available.
<b>STOT - Single Exposure</b>	no data available.
<b>STOT - Repeated Exposure</b>	no data available.
<b>Aspiration hazard</b>	No information available.

#### Numerical Measures of Toxicity - No information available

### 12. Ecological Information

#### ecotoxicity

None known

**Persistence/Degradability**

no data available.

**Bioaccumulation/ Accumulation**

No information available.

**Other Adverse Effects**

no data available

### 13. Disposal Considerations

**Waste Treatment Methods**

<b>Waste Disposal Method</b>	Dispose of in accordance with all applicable federal, state, and local laws and regulations.
<b>Contaminated packaging</b>	Refer to product label.

### 14. Transport Information

<b><u>DOT</u></b>	NOT REGULATED
<b><u>TDG</u></b>	NOT REGULATED
<b><u>IATA</u></b>	NOT REGULATED
<b><u>IMDG</u></b>	NOT REGULATED

### 15. Regulatory Information

**International Inventories**

<b>USINV</b>	Present
<b>DSL/NDSL</b>	Not present
<b>EINECS/ ELINCS</b>	Not Present
<b>ENCS</b>	Not Present
<b>China</b>	Not Present
<b>KECL</b>	Not Present
<b>PICCS</b>	Not Present
<b>AICS</b>	Not Present
<b>TSCA</b>	Present

- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### CERCLA

Not applicable

#### CERCLA

#### RCRA

#### Pesticide Information

### State Regulations

### State Right-to-Know

### International regulations

#### U.S. EPA Label information

EPA Pesticide registration number Not applied

## 16. Other Information

**NFPA**                      **HEALTH** 1                      **flammability** 0                      **Instability** 0                      **Physical hazard** -

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**Revision Summary**

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**End of SDS**