

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product Fruit and Citrus Spikes
Usage Fertilizer
Supplier Lutz Corporation
208 North Parkside Road
Normal, IL 61761
Supplier Phone Number: Ph: 1-800-203-7740
Fx: 815-732-4040
Emergency Tel 800-203-7740

2. HAZARDS IDENTIFICATION

Classification: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label Elements: The product contains no substances which, at their given concentration, are considered hazardous to health.

Precautionary Statements

Prevention: Obtain special instructions before use.
Response: None
Storage: None
Disposal: None

Hazards not otherwise classified: Not applicable

Other information: May cause slight eye irritation.

Interactions with other chemicals: No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which, at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

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| Skin Contact: | Wash with soap and water following skin contact. |
| Eye Contact: | Flush eyes thoroughly with clean water or eye wash solution. Remove contact lenses and continue flushing. |
| Ingestion: | Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. |
| Inhalation: | Move the exposed individual to fresh air. |

If any discomfort persists after following the above advice seek immediate attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use an extinguishing media suitable for the surrounding fire.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising From The Substance Or Mixture

No information available.

Explosion Data

SENSITIVITY TO MECHANICAL IMPACT: None

SENSITIVITY TO STATIC DISCHARGE: None

Special Protective Equipment For Fire Fighters

As in any fire, wear full protective clothing and self-contained breathing apparatus.
Do not inhale explosion or combustion gases.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with eyes.

Environmental Precautions

Prevent additional spillage if safe to do so. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

Methods And Materials For Containment And Cleaning Up

Contain spillage. Pick up any material for recovery or disposal and place in a closed container. Normal landfill disposal. Ensure compliance with all local / national regulations (see section 13).

7. HANDLING AND STORAGE

Handling

- Handle in accordance with good industrial hygiene and safety practices.
- Avoid contact with eyes.

Storage

- Store in a cool, dry, well ventilated environment. Keep container closed when not in use.
- Keep out of reach of children and pets.

Incompatible Products

- None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures: Showers
Eyewash stations
Ventilation systems

Respiratory: Use respiratory protection if your risk assessment indicates this is necessary.

Eyes: Use eye protection if your risk assessment indicates this is necessary.

Hands: Use general purpose lightweight gloves if your risk assessment indicates this is necessary.

Skin: In circumstances where prolonged exposure to skin is anticipated, the application of skin barrier cream should be used if your risk assessment indicates this is necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Spike, Solid

Color: Red

Odor: Slight ammonia odor

Decomposition: This product will not decompose readily if stored in a cool, dry, well ventilated environment. However, prolonged exposure to moisture or humidity will result in accelerated degradation.

| <u>Property</u> | <u>Values</u> | <u>Remarks / Method</u> |
|--|----------------------|-------------------------|
| pH | No data available | None known |
| Melting / Freezing Point | No data available | None known |
| Boiling Point / Boiling Range | No data available | None known |
| Flash Point | No data available | None known |
| Evaporation Rate | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limit in Air | | |
| Upper flammability limit | No data available | None known |
| Lower flammability limit | No data available | None known |
| Vapor pressure | No data available | None known |
| Vapor density | No data available | None known |
| Specific Gravity | No data available | None known |
| Water Solubility | Slowly water soluble | None known |
| Solubility in other solvents | No data available | None known |
| Partition coefficient: n-octane/water | No data available | None known |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |
| Explosive properties | No data available | None known |
| Oxidizing properties | No data available | None known |
| Softening Point | No data available | |
| VOC Content (%) | No data available | |
| Particle Size | No data available | |
| Particle Size Distribution | No data available | |

10. STABILITY AND REACTIVITY

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|---------------------------------|--|
| Reactivity: | No data available. |
| Chemical Stability: | Stable under recommended storage conditions. |
| Hazardous Reactions: | None known. Hazardous polymerization does not occur. |
| Conditions to Avoid: | None known. Stable under normal conditions. |
| Incompatible Materials: | None known. |
| Hazardous Decomposition: | None known. |

11. TOXICOLOGICAL INFORMATION

The following claims are based on available data.

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|---|---|
| Acute Toxicity: | Product does not present an acute toxicity hazard based on known information. |
| Skin corrosion/irritation: | Specific test data for the substance or mixture is not available. |
| Serious eye damage/irritation: | Specific test data for the substance or mixture is not available. |
| Respiratory or skin sensitization: | Specific test data for the substance or mixture is not available. |
| Germ cell mutagenicity: | No information available |
| Carcinogenicity: | Contains no ingredient listed as a carcinogen. |
| Reproductive Toxicity: | No information available. |
| STOT-single exposure: | No information available |
| STOT-repeated exposure: | No information available |
| Aspiration hazard: | No information available |

12. ECOLOGICAL INFORMATION

| | |
|---------------------------------------|---|
| Environmental effects: | Not expected to have any deleterious effects |
| Toxicity: | Not expected to have any deleterious effects |
| Persistence and degradability: | No data available regarding the environmental fate or biodegradability |
| Bioaccumulative potential: | No information available |
| Mobility in soil: | This product does not contain components that will disperse from the soil into groundwater or lakes |
| Other adverse effects: | None known |

13. DISPOSAL CONSIDERATIONS

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| Product: | Do not contaminate ponds, waterways, or ditches with chemical or used containers. Do not dispose of into sewer. Where possible, recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. |
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Contaminated Packaging: Empty remaining contents. Completely empty containers to be disposed of in compliance with applicable local regulations. Do not reuse empty containers.

14. TRANSPORT INFORMATION

Land Transport: Not dangerous goods

Sea Transport: Not dangerous goods

Air Transport: Not dangerous goods

Ensure that the transport is clean before loading the product.

15. REGULATORY INFORMATION

EPA Regulations: Not regulated by EPA under FIFRA or FQPA.

OSHA Regulations: See sections 2 & 8.

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.

SARA Title III; Sections 311/312:

| | |
|-----------------------------|----|
| Sudden Release of Pressure: | No |
| Reactivity: | No |
| Fire: | No |
| Immediate (Acute) Health: | No |
| Delayed (Chronic) Health: | No |

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

State Regulations: Check with specific state authorities since regulation vary between the states.

16. OTHER INFORMATION

Recommended uses and restrictions: Follow the instructions

Revision Date: April 27, 2015

The information in this Safety Data Sheet is believed to be correct at the time of going to press. Always read the label and product information prior to use. For further information, please contact Lutz Corporation, 208 North Parkside Road, Normal, Illinois, USA 61761