

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. This Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

| | |
|---|---|
| IDENTITY (As Used on Label and List) <i>LysAAMet</i> | Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. |
|---|---|

Section I

| | |
|---|--|
| Manufacturer's Name: Perdue AgSolutions LLC | Emergency Telephone Number 410- 543-3000 |
| Address (Number, Street, City, State, and ZIP Code) | Telephone Number for Information 410-341-2600 |
| 6906 Zion Church Road | Date Prepared September 24, 2012 |
| Salisbury, MD 21804 | Signature of Preparer (optional) |

Section II - Hazard Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|---|----------|-----------|--------------------------|--------------|
| Blood Meal | N/A | N/A | | >50% |
| Ajipro L | N/A | N/A | | <10% |
| Smartamine M | N/A | N/A | | <10% |
| Flavor | N/A | N/A | | <2% |

Section III - Physical/Chemical Characteristics

| | | | |
|-------------------------|---------------|---|---------------|
| Boiling Point | Not Available | Specific Gravity (H ₂ O = 1) | .50 avg. |
| Vapor Pressure (mm Hg.) | Not Available | Melting Point | Not Available |

| | | | |
|---|---------------|---|---------------|
| Vapor Density (AIR = 1) | Not Available | Evaporation Rate (Butyl Acetate = 1) | Not Available |
| Solubility in Water: Negligible | | | |
| Appearance and Odor: Dark Reddish/Brown with slight acid odor | | | |

Section IV - Fire and Explosion Hazard Data

| | | | |
|--|------------------------------------|-----------------------|-----------------------|
| Flash Point (Method Used) Not Applicable | Flammable Limits Not Applicable | LEL Not Applicable | UEL Not Applicable |
| Extinguishing Media Dry chemical, foam, water CO2 | | | |
| Special Fire Fighting Procedures N/A | | | |
| Unusual Fire and Explosion Hazards N/A | | | |

Section V - Reactivity Data

| | | | |
|---|----------------|------------|---------------------|
| Stability Stable | Unstable | | Conditions to Avoid |
| | Stable | XXXXXXXXXX | |
| Incompatibility (<i>Materials to Avoid</i>) None Known | | | |
| Hazardous Decomposition or Byproducts None Known | | | |
| Hazardous Polymerization | May Occur | | Conditions to Avoid |
| | Will Not Occur | XXXXXXXXXX | |

Section VI - Health Hazard Data

| | | | |
|---|---------------------------|---------------------|--------------------------|
| Route(s) of Entry: | Inhalation? None Known | Skin? None Known | Ingestion? None Known |
| Health Hazards (<i>Acute and Chronic</i>) | | | |

| | | | |
|--|--------------------|--------------------------------|-----------------------|
| None Known | | | |
| | | | |
| Carcinogenicity: None Known | NTP? None Known | IARC Monographs? None Known | OSHA Regulated? No |
| | | | |
| Signs and Symptoms of Exposure None Known | | | |
| | | | |
| Medical Conditions Generally Aggravated by Exposure | | | |
| None Known | | | |
| Emergency and First Aid Procedures: Flush eyes or skin with water | | | |
| | | | |

Section VII - Precautions for Safe Handling and Use

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| Steps to Be Taken in Case Material is Released or Spilled | |
| Sweep up spilled material and dispose in Sanitary Landfill | |
| | |
| Waste Disposal Method | |
| Sweep up spilled material and dispose in Sanitary Landfill | |
| Precautions to Be taken in Handling and Storing | |
| None Known | |
| Other Precautions | |
| None | |

Section VIII - Control Measures

| | | |
|--|---------------|---------|
| Respiratory Protection (<i>Specify Type</i>) None | | |
| Ventilation | Local Exhaust | Special |

| | | |
|-----|-------------------------------|-------|
| N/A | N/A | |
| | Mechanical (<i>General</i>) | Other |

| | |
|--|---|
| Protective Gloves Skim contact should be minimized through use of gloves | Eye Protection Eye contact should be minimized through the use of ANSI approved safety glasses with side shields |
| Other Protective Clothing or Equipment None Known | |
| Work/Hygienic Practices 1) Do not use/and or consume foods, beverages, tobacco products or cosmetics in areas where material is stored or used 2) Wash hands and face carefully before eating, drinking, using tobacco products or applying cosmetics or using the toilet. | |

Section IX - Special Precautions

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|---|
| Precautions to be taken in Handling and Storing Known None |
| None |

Each MSDS must be reviewed for correctness and completeness every three years.

Reviewed by _____ Reviewed by _____

Revision date _____ Revision date _____