

SAFETY DATA SHEET

Revision Date: 01/04/2019

SECTION 1. IDENTIFICATION

| | |
|----------------------------|---|
| Product name | LawnStar® 16-4-8 NPK Fertilizer |
| Product Use | Fertilizer |
| Supplier | Omega Trade LLC 109 E 17th St Ste 5183 Cheyenne WY 82001 |
| Emergency telephone number | CHEMTREC 1-800-424-9300 |

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

| | |
|--|---|
| Acute toxicity , oral | Category 0 |
| Skin irritation | Category 1 |
| Specific target organ toxicity, single exposure | Category 0 respiratory tract irritation |

GHS Label element

Hazard pictograms



| | |
|-------------|---------|
| Signal word | Warning |
|-------------|---------|

| | |
|-------------------|---|
| Hazard statements | H315 Causes skin irritation. H319 Causes serious eye irritation. |
|-------------------|---|

| | |
|--------------------------|--|
| Precautionary statements | Prevention P264 Wash skin thoroughly after handling. P280 Wear eye protection/ face protection. P280 Wear protective gloves. |
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Other hazards

None known.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

Storage:

P402 + P404 Store in a dry place. Store in a closed container.

P410 + P403 Protect from sunlight. Store in a well-ventilated place.

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

SECTION 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Hazardous components

| Chemical Name | CAS-No. | Concentration (%) |
|---------------|---------|-------------------|
| UREA | 57-13-6 | 20-30% |

SECTION 4. FIRST AID MEASURES

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|---|--|
| If inhaled | Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. |
| In case of skin contact | After contact with skin, wash immediately with plenty of soap and water Consult a physician. |
| In case of eye contact | In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Call a physician immediately. |
| If swallowed | Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. |
| Most important symptoms and effects, both acute and delayed | No information available. |
| Notes to physician | No information available. |

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SECTION 5. FIREFIGHTING MEASURES

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| Suitable extinguishing media | Dry powder Water spray Foam |
| Specific hazards during firefighting | Heating or fire can release toxic gas. |
| Further information | Use water spray to cool unopened containers. |
| Special protective equipment for firefighters | In the event of fire, wear self-contained breathing apparatus. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment and emergency procedures | Use respirator when performing operations involving potential exposure to vapour of the product. |
| Environmental precautions | |
| General advice | Do not flush into surface water or sanitary sewer system. |
| Methods and materials for containment and cleaning up | Sweep up or vacuum up spillage and collect in suitable container for disposal. |

SECTION 7. HANDLING AND STORAGE

| | |
|-----------------------------|---|
| Advice on safe handling | Provide sufficient air exchange and/or exhaust in work rooms. Avoid contact with skin and eyes. |
| Conditions for safe storage | Keep container tightly closed. To maintain product quality, do not store in heat or direct sunlight. Keep in a dry, cool and well-ventilated place. |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Personal protective equipment

| | |
|------------------------|---|
| Respiratory protection | In the case of vapour formation use a respirator with an approved filter. |
| Hand protection | Wear suitable gloves. |
| Remarks | Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact |

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|--------------------------|---|
| Eye protection | Tightly fitting safety goggles |
| Skin and body protection | Choose body protection according to the amount and concentration of the dangerous substance at the work place. No special protective equipment required. |
| Hygiene measures | Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------|------------|
| Appearance | liquid |
| Colour | dark brown |
| Odour | soapy |
| pH | 7- 8 |
| Freeze point/range | > 0 °C |
| Boiling point/boiling range | 100 °C |
| Flash point | 100 °C |

Method: Pensky-Martens Closed Tester (ASTM D 93), closed cup

| | |
|-----------------------|------------------------|
| Evaporation rate | no data available |
| Upper explosion limit | no data available |
| Lower explosion limit | no data available |
| Vapour pressure | no data available |
| Relative density | 1.355 specific gravity |
| Density | 11.31 lbs/gal |

Solubility(ies)
Water solubility

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|---------------------------|-------------------|
| Decomposition temperature | no data available |
| Viscosity | |
| Viscosity, dynamic | no data available |

SECTION 10. STABILITY AND REACTIVITY

| | |
|------------------------------------|--|
| Reactivity | Stable under recommended storage conditions. |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | Hazardous polymerisation does not occur. Stable under normal conditions. |
| Conditions to avoid | extremes of temperature |
| Incompatible materials | Strong oxidising agents |
| Hazardous decomposition products | Nitrogen oxides (NOx) Carbon oxides Heating or fire can release toxic gas. |

SECTION 11. TOXICOLOGICAL INFORMATION

| | |
|--|--|
| Information on likely routes of exposure | Eyes Skin Inhalation Ingestion |
| Acute toxicity | |
| Acute oral toxicity (LD50) | > 2,000 mg/kg Species: Rat Method: OECD Test Guideline 401 |
| Acute oral toxicity (LD50) | 4,656 mg/kg Species: Rat Method: DOT |
| Skin corrosion/irritation | moderate to severe irritant |
| Skin irritation | Species: Rabbit Method: DOT |
| Serious eye damage/eye irritation | severe irritant |
| Eye irritation | Species: Rabbit |

Germ cell mutagenicity

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Mobility in soil

no data available

Other adverse effects

no data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues

Dispose of in accordance with local regulations.
Contact waste disposal services.

Contaminated packaging

Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

UN number

Proper shipping name

Not regulated.

Transport hazard class

Packing group

Labels

Environmental hazards

Transport hazard class

Packing group

Not regulated

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Transport hazard class

Packing group

Classification Code

Not dangerous goods

Hazard Identification Number

Labels

Environmental hazards

DOT

UN number

Not applicable

Proper shipping name

Not applicable

Transport hazard class

Not applicable

Packing group

Not applicable

Special precautions for user

none

Transport in bulk according to
Annex II of MARPOL 73/78 and
the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION D2B: Toxic Material Causing Other Toxic Effects

WHMIS Classification

EPCRA - Emergency Planning and Community Right-to-Know Act

SARA 311/312 Hazards

:Acute Health Hazard

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

Inventories AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

The components of this product are reported in the following inventories:

All components of this product are listed on the EPA TSCA 8b inventory list

SECTION 16: OTHER INFORMATION

HMIS RATINGS: HEALTH: 1

PERSONAL PROTECTION: F

DISCLAIMER:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, un-less specified in the text.