



# Nature Safe 16-0-2 With Ammonium Sulfate & Stabilized Nitrogen

## Safety Data Sheet

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

Date of issue: 09/09/2022 Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Nature Safe 16-0-2 With Ammonium Sulfate & Stabilized Nitrogen

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Fertilizer

#### 1.3. Supplier

Darling Ingredients Inc  
5601 N MacArthur Blvd  
Irving, 75038 - United States  
T 1-800-800-4841  
[info@darlingii.com](mailto:info@darlingii.com)

#### 1.4. Emergency telephone number

Emergency number : 1-800-800-4841

### SECTION 2: Hazard(s) identification

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

##### GHS US classification

Combustible Dust May form combustible dust concentrations in air  
Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) : May form combustible dust concentrations in air

#### 2.3. Other hazards which do not result in classification

No additional information available

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

No additional information available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable – the product is a mixture

#### 3.2. Mixtures

| Name                                    | Product identifier | %      | GHS US classification |
|-----------------------------------------|--------------------|--------|-----------------------|
| Cooked and dehydrated animal by-product | NA                 | 60-80* | Combustible dust      |

\* Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements: see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center/doctor if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

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### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

### 5.2. Specific hazards arising from the chemical

Fire hazard : May form combustible dust concentrations in air.

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spill area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Recover product mechanically.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid dust formation.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

#### Eye protection:

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|                                               |
|-----------------------------------------------|
| Safety glasses                                |
| <b>Skin and body protection:</b>              |
| Wear suitable protective clothing             |
| <b>Respiratory protection:</b>                |
| Not required under normal conditions and use. |

## SECTION 9: Physical and chemical properties

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

|                                                 |                      |
|-------------------------------------------------|----------------------|
| Physical state                                  | : Solid              |
| Appearance                                      | : Powder             |
| Color                                           | : Tan to Light Brown |
| Odor threshold                                  | : No data available  |
| pH                                              | : No data available  |
| Melting point                                   | : No data available  |
| Freezing point                                  | : Not applicable     |
| Boiling point                                   | : No data available  |
| Flash point                                     | : Not applicable     |
| Relative evaporation rate (butyl acetate=1)     | : No data available  |
| Flammability (solid, gas)                       | : Non flammable.     |
| Vapor pressure                                  | : No data available  |
| Relative vapor density at 20 °C                 | : No data available  |
| Relative density                                | : No data available  |
| Solubility                                      | : No data available  |
| Partition coefficient n-octanol/water (Log Pow) | : No data available  |
| Auto-ignition temperature                       | : Not applicable     |
| Decomposition temperature                       | : No data available  |
| Viscosity, kinematic                            | : Not applicable     |
| Viscosity, dynamic                              | : No data available  |
| Explosion limits                                | : Not applicable     |
| Explosive properties                            | : No data available  |
| Oxidizing properties                            | : No data available  |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid dust formation. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

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### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                                    |                  |
|----------------------------------------------------|------------------|
| Acute toxicity                                     | : Not classified |
| Skin corrosion/irritation                          | : Not classified |
| Serious eye damage/irritation                      | : Not classified |
| Respiratory or skin sensitization                  | : Not classified |
| Germ cell mutagenicity                             | : Not classified |
| Carcinogenicity                                    | : Not classified |
| Reproductive toxicity                              | : Not classified |
| Specific target organ toxicity – single exposure   | : Not classified |
| Specific target organ toxicity – repeated exposure | : Not classified |
| Aspiration hazard                                  | : Not classified |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------|
| Ecology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
|-------------------|------------------------------------------------------------------------------------------------------------------------|

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Waste treatment methods | : Dispose of contents/container in accordance with local, state, and federal regulations. |
|-------------------------|-------------------------------------------------------------------------------------------|

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

No additional information available

### Transportation of Dangerous Goods

No additional information available

### Transport by sea

No additional information available

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### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

| Nature Safe 16-0-2 With Ammonium Sulfate & Stabilized Nitrogen |                  |
|----------------------------------------------------------------|------------------|
| SARA Section 311/312 Hazard Classes                            | Combustible dust |

### 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

No additional information available

## SECTION 16: Other information

Other information : None

*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*