



# Louder Powder Grow A SAFETY DATA SHEET

Issuing Date 02-Mar-2022

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Revision Number 1

## 1. IDENTIFICATION

### Product identifier

Product Name Louder Powder Grow A

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

Recommended Use Fertilizer

Restrictions on use No information available

### Details of the supplier of the safety data sheet

Supplier Identification Cutting Edge Solutions

Address PO Box 1727  
Santa Rosa, CA 97502

Telephone Phone: 707-528-0522

E-mail info@CuttingEdgeSolutions.com

### Emergency telephone number

Company Emergency Phone Number 707-322-1526

## 2. HAZARDS IDENTIFICATION

### Classification

|                                   |            |
|-----------------------------------|------------|
| Acute toxicity - Oral             | Category 4 |
| Serious eye damage/eye irritation | Category 1 |

Appearance Red

Physical state Granular Solid

Odor Odorless

### GHS Label elements, including precautionary statements

Danger

#### Hazard statements

Harmful if swallowed

Causes serious eye damage

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Wear eye protection/ face protection

**Precautionary Statements - Response****Eyes**

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

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

Rinse mouth

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

**Unknown acute toxicity** 0 % of the mixture consists of ingredient(s) of unknown toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

Not applicable.

**Mixture**

| Chemical name     | CAS No     | Weight-% | Hazardous Material<br>Information Review Act<br>registry number (HMIRA<br>registry #) | Date HMIRA filed and<br>date exemption granted<br>(if applicable) |
|-------------------|------------|----------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Calcium nitrate*  | 10124-37-5 | 65-75    | -                                                                                     | -                                                                 |
| Ammonium nitrate* | 6484-52-2  | 5-7      | -                                                                                     | -                                                                 |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****Description of first aid measures****General advice**

Show this safety data sheet to the doctor in attendance. Immediate medical attention is

|                                    |                                                                                                                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation                         | required.<br>Remove to fresh air. Get medical attention immediately if symptoms occur.                                                                                                                                                                           |
| Eye contact                        | Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. |
| Skin contact                       | Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.                                                                                                                           |
| Ingestion                          | Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.                                                                                                    |
| Self-protection of the first aider | Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).                                                                                                                                                                    |

**Most important symptoms and effects, both acute and delayed**

|          |                    |
|----------|--------------------|
| Symptoms | Burning sensation. |
|----------|--------------------|

**Indication of any immediate medical attention and special treatment needed**

|                    |                        |
|--------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|--------------------|------------------------|

**5. FIRE-FIGHTING MEASURES**

|                                                |                                                                                                                                    |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Media                   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                            |
| Large Fire                                     | CAUTION: Use of water spray when fighting fire may be inefficient.                                                                 |
| Unsuitable extinguishing media                 | Do not scatter spilled material with high pressure water streams.                                                                  |
| Specific hazards arising from the chemical     | No information available.                                                                                                          |
| Hazardous Combustion Products                  | Carbon oxides.                                                                                                                     |
| Explosion Data                                 |                                                                                                                                    |
| Sensitivity to Mechanical Impact               | None.                                                                                                                              |
| Sensitivity to Static Discharge                | None.                                                                                                                              |
| Special protective equipment for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Personal precautions | Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. |
| Other Information    | Refer to protective measures listed in Sections 7 and 8.                                  |

**Methods and material for containment and cleaning up**

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| Methods for containment | Prevent further leakage or spillage if safe to do so. |
|-------------------------|-------------------------------------------------------|

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

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

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical state** Granular; Solid  
**Appearance** Red  
**Odor** Odorless

Color No information available  
 Odor Threshold Not applicable

| <u>Property</u>                        | <u>Values</u>     | <u>Remarks</u> | <u>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              |                   | None known     |               |
| Upper flammability limit               | No data available |                |               |
| Lower flammability limit               | No data available |                |               |
| Vapor pressure                         | No data available | None known     |               |
| Vapor density                          | No data available | None known     |               |
| Relative density                       | No data available | None known     |               |
| Water Solubility                       | Soluble in water  |                |               |
| Solubility(ies)                        | No data available | None known     |               |
| Partition coefficient: n-octanol/water | not applicable    |                |               |
| 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     |               |

**Other Information**  
 Explosive properties No information available  
 Oxidizing properties No information available  
 Softening Point No information available  
 Molecular Weight No information available  
 VOC Content (%) No information available  
 Liquid Density No information available  
 Bulk Density No information available  
 Particle Size No information available  
 Particle Size Distribution No information available

## 10. STABILITY AND REACTIVITY

Reactivity No information available.  
 Chemical stability Stable under normal conditions.  
 Possibility of Hazardous Reactions None under normal processing.  
 Hazardous Polymerization Hazardous polymerization does not occur.  
 Conditions to avoid None known based on information supplied.  
 Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.  
 Hazardous Decomposition Products Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

**Product Information**

|                     |                                                                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available.                                                                                                                                        |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Severely irritating to eyes. May cause burns. May cause irreversible damage to eyes. |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. May cause irritation.                                                                                                                  |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Harmful if swallowed. (based on components).           |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Redness. Burning. May cause blindness.

**Numerical measures of toxicity****Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 426.30 mg/kg

**Unknown acute toxicity** 0 % of the mixture consists of ingredient(s) of unknown toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Product Information****Component Information**

| Chemical name    | Oral LD50            | Dermal LD50          | Inhalation LC50         |
|------------------|----------------------|----------------------|-------------------------|
| Calcium nitrate  | = 302 mg/kg ( Rat )  | -                    | -                       |
| Ammonium nitrate | = 2217 mg/kg ( Rat ) | > 5000 mg/kg ( Rat ) | > 88.8 mg/L ( Rat ) 4 h |

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

|                                          |                                                                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Skin corrosion/irritation</b>         | May cause skin irritation.                                                                            |
| <b>Serious eye damage/eye irritation</b> | Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes. |
| <b>Respiratory or skin sensitization</b> | No information available.                                                                             |
| <b>Germ cell mutagenicity</b>            | No information available.                                                                             |
| <b>Carcinogenicity</b>                   | No information available.                                                                             |

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name                 | ACGIH | IARC     | NTP | OSHA |
|-------------------------------|-------|----------|-----|------|
| Calcium nitrate<br>10124-37-5 | -     | Group 2A | -   | X    |

|                               |   |          |   |   |
|-------------------------------|---|----------|---|---|
| Ammonium nitrate<br>6484-52-2 | - | Group 2A | - | X |
|-------------------------------|---|----------|---|---|

**Legend**

IARC (International Agency for Research on Cancer)

Group 2A - Probably Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**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

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

| Chemical name   | Algae/aquatic plants | Fish                                            | Toxicity to microorganisms | Crustacea         |
|-----------------|----------------------|-------------------------------------------------|----------------------------|-------------------|
| Calcium nitrate | No data available    | 96h LC50: = 10000 mg/L<br>(Lepomis macrochirus) | No data available          | No data available |

**Persistence and Degradability** No information available.

**Bioaccumulation****Component Information**

| Chemical name    | Partition coefficient |
|------------------|-----------------------|
| Ammonium nitrate | -3.1                  |

**Mobility** No information available.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**California Waste Codes** 141

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical name   | California Hazardous Waste |
|-----------------|----------------------------|
| Calcium nitrate | Ignitable                  |

|                               |                       |
|-------------------------------|-----------------------|
| 10124-37-5                    | Reactive              |
| Ammonium nitrate<br>6484-52-2 | Ignitable<br>Reactive |

#### 14. TRANSPORT INFORMATION

**DOT**  
**Proper Shipping Name** NOT REGULATED  
**Hazard Class** NON-REGULATED  
N/A

**TDG** Not applicable

**MEX** Not applicable

**ICAO** Not applicable

**IATA**  
**Proper Shipping Name** Not applicable  
**Hazard Class** NON REGULATED  
N/A

**IMDG/IMO**  
**Hazard Class** Not applicable  
N/A

**RID** Not applicable

**ADR** Not applicable

**ADN** Not applicable

#### 15. REGULATORY INFORMATION

##### Safety, health and environmental regulations/legislation specific for the substance or mixture

##### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

##### International Inventories

**TSCA** All components are listed  
**DSL/NDSL** All components are listed  
**EINECS/ELINCS** Contact supplier for inventory compliance status.  
**ENCS** Contact supplier for inventory compliance status.  
**KECL** Contact supplier for inventory compliance status.  
**PICCS** Contact supplier for inventory compliance status.  
**AICS** Contact supplier for inventory compliance status.

##### Legend

**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 Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical name    | CAS No     | Weight-% | SARA 313 - Threshold Values % |
|------------------|------------|----------|-------------------------------|
| Calcium nitrate  | 10124-37-5 | 65-75    | 1.0                           |
| Ammonium nitrate | 6484-52-2  | 5-7      | 1.0                           |

#### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

#### 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

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

| Chemical name                 | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|-------------------------------|------------|---------------|--------------|--------------|----------|
| Calcium nitrate<br>10124-37-5 | X          |               |              | X            | X        |
| Ammonium nitrate<br>6484-52-2 | X          | X             | X            | X            | X        |

## 16. OTHER INFORMATION

|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards 3 | Flammability 0 | Instability 0      | Physical and Chemical Properties - |
| <b>HMIS</b> | Health hazards 3 | Flammability 0 | Physical hazards 0 | Personal Protection X              |

#### Prepared By

Product Stewardship  
Po BOX 1727  
Santa Rosa, CA 97502  
1-707-528-0522

|               |                          |
|---------------|--------------------------|
| Issuing Date  | 02-Mar-2022              |
| Revision Date | 02-Mar-2022              |
| Revision Note | No information available |

**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, unless specified in the text

**End of Safety Data Sheet**