

SAFETY DATA SHEET

Section 1: IDENTIFICATION

- 1.1 Product Name:** Cell Power Lucky 13™
1.2 Other Means of Identification: 13-13-13
1.3 Recommended Use of Chemical: Fertilizer
1.4 Manufacturer: Omex™ Agrifluids, Inc.
Address: P.O. Box 815, Selma, CA 93662
Phone Number: 559-661-6138
1.5 24-hr Emergency Contact: CHEMTREC (24-hrs) 1-800-424-9300 / 1-703-527-3887

Section 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture

Health Classification: Skin Irritation - Category 2: H315
Eye Irritation - Category 2A: H319

2.2 Label elements

GHS Pictogram:



Signal Word: Warning

Hazard Statement(s): H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary Statement(s)-Prevention:

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement(s)-Response:

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

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

P362+P361 - Take off contaminated clothing and wash it before reuse.

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

P337+P313 - If eye irritation persists: Get medical advice/attention.

P321 - Specific treatment (see on this label).

2.3 Other Hazards

Other Hazards: None.

Section 3: COMPOSITION/INFORMATION on INGREDIENTS

3.1 Chemical Ingredients: (See Section 8 for exposure guidelines)

Chemical Name	CAS No.	% w/w	Classification
Potassium Nitrate	7757-79-1	20-30%	Ox. Sol. 3: H272;
Ammonium Nitrate	6484-52-2	10-20%	Ox. Sol. 1: H271; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;
Magnesium Nitrate Hexahydrate	13446-18-9	1-10%	Eye Irrit. 2: H319;
Zinc disodium ethylenediaminetetraacetate (Zinc EDTA)	14025-21-9	0-0.5%	

Section 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye Contact	Causes serious eye irritation. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin Contact	Causes skin irritation. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	Causes serious eye irritation.
Skin contact	Causes skin irritation.
Ingestion	May cause irritation to mucous membranes.

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation	Inhalation of vapour may cause shortness of breath. Seek medical attention if irritation or symptoms persist.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.
Skin Contact	Wash with soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes.

Section 5: FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media:** Use extinguishing media appropriate to the surrounding fire conditions.
- 5.2 Special hazards arising from the substance or mixture:** Burning produces irritating, toxic and obnoxious fumes.
- 5.3 Advice for firefighters:** Wear suitable respiratory equipment when necessary.

Section 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:** Ensure adequate ventilation of the working area.
- 6.2 Environmental precautions:** Do not allow product to enter drains. Prevent further spillage if safe.
- 6.3 Methods and material for containment and cleaning up:** Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
- 6.4 Reference to other sections:** See Sections 2, 8, 13 for further information.

Section 7: HANDLING and STORAGE

- 7.1 Precautions for safe handling:** Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labeled containers.
- 7.3 Specific end use(s):** Fertilizer.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION



- 8.1 Appropriate engineering controls:** Ensure adequate ventilation of the working area.
Individual protection measures: Wear protective clothing.
Eye/Face Protection: In case of splashing, wear approved safety goggles.
Skin Protection-Hand Protection: Chemical resistant gloves (PVC).

Section 9: PHYSICAL and CHEMICAL PROPERTIES

- 9.1 Appearance:** Liquid
Color: Green
Odor: Characteristic
pH: 4.5 - 6.5
Melting point: Not determined
Initial boiling point: Not determined
Flash point: Not applicable
Evaporation rate: Not determined
Flammability (solid, gas): Not applicable
Vapor pressure: Not determined
Vapor density: Not determined
Relative density: 1.5 - 1.54
Partition coefficient: Not determined
Autoignition temperature: Not applicable
Viscosity: Not determined
Explosive properties: Not applicable
Oxidizing properties: Not applicable
Solubility: Soluble in water
- OTHER INFORMATION**
- 9.2 Conductivity:** Not relevant
Surface tension: Not determined
Specific gravity: 1.5 - 1.54
Gas group: Not determined
Benzene Content: Not relevant
Lead Content: Not relevant
VOC (Volatile organic compounds): Not relevant
Water Solubility: Soluble in water. Completely soluble.

Section 10: STABILITY and REACTIVITY

- 10.1 Reactivity:** Avoid contact with strong bases.
10.2 Chemical Stability: Stable under normal conditions.
10.3 Possibility of hazardous reactions: No data available on this product.
10.4 Conditions to avoid: Burning produces obnoxious and irritating fumes.
10.5 Incompatible materials: Strong bases.
10.6 Hazardous decomposition products: No data is available on this product.

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:	No data is available on this product.
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitization:	May cause respiratory irritation.
Germ cell mutagenicity:	No data is available on this product.
Carcinogenicity:	No data is available on this product.
Reproductive toxicity:	No data is available on this product.

11.2 Toxicological Information

Ammonium Nitrate:	Dermal Rat LD50: 2950 mg/kg	Oral Rat LD50: 2000 mg/kg
Cobalt disodium ethylenediaminetetraacetate:	Oral Rat LD50: 6671 mg/kg	
Magnesium Nitrate Hexahydrate:	Dermal Rat LD50: >5000 mg/kg	Oral Rat LD50: >2000 mg/kg
Potassium Nitrate:	Dermal Rat LD50: 2000	Oral Rat LD50: 2000
	Inhalation Rat LD50/4 h: 527 mg/m3	
Sodium Molybdate:	Oral Rat LD50: 520 mg/kg	
Zinc disodium ethylenediaminetetraacetate:	Inhalation Rat LC50/4 h: 2.75	Oral Rat LD50: 5000 mg/kg

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ammonium Nitrate:	Fish LC50/96h: 100 mg/l	Algae LC50/96h: 1700
Magnesium Nitrate Hexahydrate:	Daphnia EC50/48h: 490.0000 mg/l	Fish LC50/96h: 1378.0000 mg/l
Potassium Nitrate:	Daphnia EC50/48h: 490.0000 mg/l	Algae LC50/72h: 1700.0000 mg/l
	Fish LC50/96h: 1378.0000 mg/l	
Sodium Molybdate:	Fish LC50/96h: 79.8000 mg/l	

12.2 Persistence and degradability:

Readily biodegradable.

12.3 Bioaccumulative potential:

No data is available on this product.

12.4 Partition coefficient:

Cell Power Lucky 13™	Not determined
Ammonium Nitrate	Not applicable
Zinc disodium ethylenediaminetetraacetate	No data available
Potassium Nitrate	Not applicable
Magnesium Nitrate Hexahydrate	No data available

12.5 Mobility in soil:

Miscible in water.

12.6 Results of PBT and vPvB assessment:

Caution - substance not yet fully tested.

12.7 Other adverse effects:

May cause long-term adverse effects in the aquatic environment.

Section 13: DISPOSAL CONSIDERATIONS

- 13.1 General information:** Dispose of in compliance with all local and national regulations.
Disposal methods: Contact a licensed waste disposal company.
Disposal of packaging: Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
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Section 14: Transport information

Not regulated in transportation for DOT.

Section 15: REGULATORY INFORMATION

- 15.1. OSHA:** This material was classified according to the OSHA Hazard Communication Standard (29 CFR 1910.1200).
15.2 CERCLA Reportable Quantity (RQ): Not applicable
15.3 SARA Title III:
Extremely Hazardous Substance Notification (Sec 302): Not listed
Hazard Categories (Sec 311/312): Acute (immediate) Health Hazard
Toxic Chemicals Notifications (Sec 313): Manganese compounds
Zinc compounds
Copper compounds
Cobalt
Iron
Sodium molybdate
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Section 16: OTHER INFORMATION

SDS Preparation Date: March 7, 2018
Revision Date: New SDS
Revision Reason: New SDS

FURTHER INFORMATION:

The above information is based on data of which the manufacturer is aware and is believed to be correct as of the date hereon. Since the information contained herein may be applied under conditions beyond the manufacturer's control and which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, the manufacturer does not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.