

SAFETY DATA SHEET

Section 1: IDENTIFICATION

- 1.1 **Product Name:** N-Ergy 12-0-5™
1.2 **Other Identification:** 12-0-5
1.3 **Recommended Use of Chemical:** Liquid Plant Nutrition
1.4 **Manufacturer:** OMEX™ Agrifluids, Inc.
P.O. Box 815, Selma, CA 93662
559-661-6138
1.5 **24-hr Emergency Contact:** CHEMTREC (24-hrs)
1-800-424-9300 / 1-703-527-3887
CCN: 816681
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Section 2: HAZARD(S) IDENTIFICATION

2.1 **Signal Word:** Warning

2.2 **Hazard Classification:**

Health	Environmental	Physical
Eye Irritation – Category 2 Skin Irritation – Category 2	Not applicable	Not applicable

2.3 **GHS Pictogram:**



2.4 **Hazard Statement(s):**

Causes serious eye irritation.
Causes skin irritation.

2.5 **Precautionary Statements:**

Prevention:

Wash hands thoroughly after handling.
Wear eye and face protection.
Wear protective gloves.

Response:

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
If on skin: Wash with plenty of water.
For specific treatment refer to product label.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

Storage:

None specified.

Disposal:

None specified.

Section 3: COMPOSITION/INFORMATION on INGREDIENTS

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

Chemical	CAS No.	% by Wt.
Urea	57-13-6	20-25
Potassium nitrate	7757-79-1	10-15%

Section 4: FIRST AID MEASURES

4.1 Signs and Symptoms of Short Term (Acute) and Long Term (Chronic) Exposure: Causes serious eye irritation. Causes skin irritation.

4.2 Conditions Aggravated by Overexposure: None known.

4.3 First Aid

If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
	Call a poison control center or doctor for treatment advice.
If on skin or clothing:	Take off contaminated clothing.
	Rinse skin immediately with plenty of water for 15-20 minutes.
	Call a poison control center or doctor for treatment advice.
If swallowed:	Call a poison control center or doctor for treatment advice.
	Have person sip a glass of water if able to swallow.
	Do not induce vomiting unless told to do so by the poison control center or doctor.
	Do not give anything by mouth to an unconscious person.
If inhaled:	Move person to fresh air.
	If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
	Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going to treatment.	
For emergencies, call CHEMTREC (24-hrs) 1-800-424-9300 / 1-703-527-3887 CCN:816681	

Section 5: FIRE FIGHTING MEASURES

5.1 Flammable Properties: Non-flammable

5.2 Extinguishing Media: Use media appropriate for surrounding fire. Do not use heavy water stream.

5.3 Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective gear. Ventilate area if possible.

5.4 Unusual Fire and Explosion Properties: No specific fire or explosion hazard.

5.5 Hazardous Combustion Products: None known.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 In Case of Spill or Leak: Keep unnecessary personnel from entering spill area. Prevent product spillage from entering drinking water supplies or streams. Dike spilled material, if possible and necessary.

Absorb in vermiculite, dry sand or earth. Place in a designated and labeled waste container. After removal, flush contaminated area thoroughly with water. Clean surfaces thoroughly. Suitable protective equipment should be worn during any spill cleanup operation.

- 6.2 Disposal:** Dispose according to Section 13 and product label.
- 6.3 Personal Precautions:** Avoid contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing.
- 6.4 Environmental Precautions:** Do not contaminate water. Do not allow to enter drains, sewers or bodies of water.
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Section 7: HANDLING and STORAGE

- 7.1 Safe Handling Procedures:** Avoid breathing fertilizer mists. Avoid eye contact. Avoid prolonged or repeated skin contact. Wash hands thoroughly after handling this product.
- 7.2 Storage:** Store in original container only. Keep container tightly closed when not in use. Store in cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products and seed. Store at ambient temperature. Do not contaminate water, food or feed by storage or disposal.
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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Exposure Guidelines:** No exposure limits known for ingredients.
- 8.2 Engineering Controls:** Minimize airborne concentrations. Avoid creating mist or spray, Avoid splashing. Provide adequate ventilation.
- 8.3 Eye/Face Protection:** Wear safety eyewear: chemical goggles or safety glasses.
- 8.4 Skin Protection:** Wear protective clothing: long sleeves and pants, shoes with socks. Wear chemical-resistant gloves.
- 8.5 Respiratory Protection:** No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.
- 8.6 General Hygiene:** Good personal hygiene practices should always be observed. Wash hands, arms, face thoroughly after handling product before eating, smoking and using the toilet. Wash contaminated clothing before reusing.
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Section 9: PHYSICAL and CHEMICAL PROPERTIES

- 9.1 Appearance:** Dark colored liquid
- 9.2 Odor:** Negligible odor
- 9.3 Odor Threshold:** No data available
- 9.4 pH:** No data available
- 9.5 Melting Point/Freezing Point:** No data available
- 9.6 Boiling Point:** No data available
- 9.7 Flash Point:** Does not flash.
- 9.8 Evaporation Rate:** No data available
- 9.9 Flammability:** Not flammable.
- 9.10 Upper/Lower Flammability Limits:** No data available
- 9.11 Vapor Pressure:** No data available
- 9.12 Vapor Density:** No data available
- 9.13 Bulk Density:** 9.65 lbs/gallon
- 9.14 Specific Gravity:** 1.16 (water=1)
- 9.15 Solubility (in water):** No data available
- 9.16 Partition Coefficient:** No data available
- 9.17 Auto-ignition Temperature:** No data available

9.18 Decomposition Temperature: No data available

9.19 Viscosity: No data available

Section 10: STABILITY and REACTIVITY

10.1 Stability: Stable under normal storage and handling conditions.

10.2 Hazardous Polymerization: Will not occur.

10.3 Conditions to Avoid: Avoid direct sunlight, extremely high or low temperatures.

10.4 Hazardous Decomposition: Carbon monoxide, carbon dioxide.

10.5 Materials to Avoid: None known.

Section 11: TOXICOLOGICAL INFORMATION

11.1 Target Organs: Skin, eyes.

11.2 Routes of Exposure: Skin and eye contact.

11.3 Toxicological Data:

Acute Oral, LD50 (rat): No data available

Acute Dermal, LD50: No data available

Acute Inhalation, LC50: No data available

Eye Irritation: No data available; Causes serious eye irritation.

Skin Irritation: No data available; Causes skin irritation.

Dermal Sensitization: Not a skin sensitizer

11.4 Carcinogenic Status: No known significant effects or critical hazards.

11.5 Reproductive Effects: No known significant effects or critical hazards.

11.6 Teratogenicity: No known significant effects or critical hazards.

11.7 Mutagenicity: No known significant effects or critical hazards.

Section 12: ECOLOGICAL INFORMATION

12.1 Aquatic Toxicity: No data available

12.2 Environmental Hazards: Do not contaminate water by discharge of waste effluents or equipment wash water.

Section 13: DISPOSAL CONSIDERATIONS

13.1 Handling for Disposal: Handle wastes according to recommendations in Section 7.

13.2 Methods for Disposal: Do not reuse container. Plastic: Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRC site (go to <http://www.arcrcycle.org/> for locations) or by reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed by storage or disposal.

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): Not listed

15.4 CA Proposition 65: This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

Section 16: OTHER INFORMATION

NFPA:	1	HMIS:	1	0	Least
	0		0	1	Slight
	0		0	2	Moderate
				3	High
				4	Severe

SDS Preparation Date: 03/18/2019

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.