

## 1. Product and Company Identification

**Product Code:** 506329  
**Product Name:** Allied Nutrients XCU Manufacturing Raw Material Blend 43-00-00  
**Reference #:** 506329  
**Company Name:** Allied Nutrients **Phone Number:**  
 50 Pearl Road (888)220-0013  
 STE 200  
 Brunswick, OH 44212  
**Web site address:** www.alliednutrients.com  
**Email address:** regulatory@alliednutrients.com  
**Emergency Contact:** PERS (800)633-8253  
**Information:** Allied Nutrients (330)220-0524

## 2. Hazards Identification

**Flammable Solids, Category 2**  
**Combustible Dust**  
**Acute Toxicity: Inhalation, Category 3**  
**Skin Corrosion/Irritation, Category 3**  
**Specific Target Organ Toxicity (repeated exposure), Category 1**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** Flammable solid.  
 Causes mild skin irritation.  
 Toxic if inhaled.  
 Causes damage to organs through prolonged or repeated exposure.

**GHS Precautionary Phrases:** Keep away from sources of ignition. - No smoking.  
 Do not breathe dust.  
 Wash hands thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Use only outdoors or in a well-ventilated area.  
 Wear appropriate personal protective equipment.

**GHS Response Phrases:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 Call a POISON CENTER or doctor/physician.  
 Get medical attention/advice if you feel unwell.  
 If skin irritation occurs, get medical advice/attention.

**GHS Storage and Disposal Phrases:** Store in a secure location.  
 Dispose of contents/container to an appropriate disposal facility.

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
57-13-6	Urea	93.6 %
68400-67-9	Polyurethane	1.60 %
7704-34-9	Sulfur	4.00 %



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**4. First Aid Measures**

**Emergency and First Aid Procedures:** No data available.

**5. Fire Fighting Measures**

**Flash Pt:** No data.  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Autoignition Pt:** No data.  
**Suitable Extinguishing Media:** No data available.  
**Fire Fighting Instructions:** No data available.  
**Flammable Properties and Hazards:** No data available.  
**Hazardous Combustion Products:** No data available.

**6. Accidental Release Measures**

**Steps To Be Taken In Case Material Is Released Or Spilled:** No data available.

**7. Handling and Storage**

**Precautions To Be Taken in Handling:** No data available.

**8. Exposure Controls/Personal Protection**

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
57-13-6	Urea	No data.	No data.	No data.
68400-67-9	Polyurethane	No data.	No data.	No data.
7704-34-9	Sulfur	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** No data available.  
**Eye Protection:** No data available.  
**Protective Gloves:** No data available.  
**Other Protective Clothing:** No data available.  
**Engineering Controls (Ventilation etc.):** No data available.



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**9. Physical and Chemical Properties**

**Physical States:** [ ] Gas [ ] Liquid [X] Solid  
**Appearance and Odor:** No data available.  
**pH:** No data.  
**Melting Point:** No data.  
**Boiling Point:** No data.  
**Flash Pt:** No data.  
**Evaporation Rate:** No data.  
**Flammability (solid, gas):** No data available.  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air = 1):** No data.  
**Specific Gravity (Water = 1):** 20 - 1.392  
**Solubility in Water:** No data.  
**Octanol/Water Partition Coefficient:** No data.  
**VOC / Volume:** 506000  
**Autoignition Pt:** No data.  
**Decomposition Temperature:** No data.  
**Viscosity:** No data.

**10. Stability and Reactivity**

**Stability:** Unstable [ ] Stable [X]  
**Conditions To Avoid - Instability:** No data available.  
**Incompatibility - Materials To Avoid:** No data available.  
**Hazardous Decomposition or Byproducts:** No data available.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [X]  
**Conditions To Avoid - Hazardous Reactions:** No data available.

### 11. Toxicological Information

**Toxicological Information:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
57-13-6	Urea	n.a.	n.a.	n.a.	n.a.
68400-67-9	Polyurethane	n.a.	n.a.	n.a.	n.a.
7704-34-9	Sulfur	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** No data available.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:**

**DOT Hazard Class:**

**UN/NA Number:**

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
57-13-6	Urea	No	No	No
68400-67-9	Polyurethane	No	No	No
7704-34-9	Sulfur	No	No	No

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Explosive	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Acute toxicity (any route of exposure)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Flammable (gases, aerosols, liquid, or solid)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Skin Corrosion or Irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Carcinogenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-heating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Organic peroxide	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Specific target organ toxicity (single or repeated exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corrosive to metal	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Aspiration Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Gas under pressure (compressed gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In contact with water emits flammable gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Health) Hazard Not Otherwise Classified (HNOC)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Combustible Dust		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Physical) Hazard Not Otherwise Classified (HNOC)		

**CAS # Hazardous Components (Chemical Name)**

**Other US EPA or State Lists**

57-13-6	Urea	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
68400-67-9	Polyurethane	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
7704-34-9	Sulfur	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1



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**16. Other Information**

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**Additional Information About** No data available.

**This Product:**