

SAFETY DATA SHEET
OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2010

Date Prepared: 11/19/2019

L-CBF Amino 15-0-1

Supersedes Date: new

SECTION 1 – IDENTIFICATION OF PRODUCT AND OF THE COMPANY

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| 1.1. Product identifier:
Trade Name: | L-CBF Amino 15-0-1 Liquid Fertilizer |
| 1.2. General use:
Product Description: | Fertilizer/Fertilizer Supplement
Brown Liquid with Caramel Odor |
| 1.3. Contact Details
1.3.1. Manufacturer: | Quality Liquid Feeds Inc.
3586 Hwy 23 N
PO Box 240
Dodgeville, WI. 53533 USA
(800)236-2345/608-935-2345

www.qlf.com |
| 1.4. Emergency Telephone Number
Emergency Number: | 800-424-9300
CHEMTREC |

SECTION 2 – HAZARD IDENTIFICATION

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| 2.1. Classification of the substance or mixture: | This material is considered non-hazardous, |
| 2.2. Emergency Overview: | Brown Liquid with slight Caramel Odor |
| 2.3. Most Important symptoms and effects | |
| 2.3.1. Possible Exposure: | Ingestion, inhalation, and skin contact |
| 2.3.2. Eye Contact | May irritate eyes |
| 2.3.3. Skin Contact: | Non-irritant |
| 2.3.4. Ingestion: | Non-Toxic |
| 2.3.5. Inhalation: | Non – Toxic |
| 2.4. Pictograms: | None |
| 2.5. Signal Words: | None |

GHS Precautionary Statements:

P102	Keep out of reach of children
P103	Read label before use
P264	Wash hands thoroughly after handling
P305+P351	IF IN EYES: Rinse cautiously with water for several minutes
P303+P353	Rinse skin with water/shower.
P301+P330	IF SWALLOWED: Rinse Mouth
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
P234+P235+P410+	Keep in vented containers
P420	Store away from food and feed products. Store away from other materials.

SECTION 3 – COMPOSITION OR INFORMATION ON INGREDIENTS

3.1. Raw Material: Sugar Cane Molasses, Urea

SECTION 4 – FIRST AID MEASURES

4.1. Description of first aid measures:

4.1.1. Eye Contact:	Immediately rinse with water for 5 minutes.
4.1.2. Skin Contact:	Wash skin with soap and water
4.1.3. Ingestion:	Rinse mouth with water and drink a large quantity
4.1.4. Inhalation:	Remove product or move person to fresh air.

4.2. Indication of any immediate medical attention and special treatment needed: None

SECTION 5 – FIREFIGHTING MEASURES

5.1. Flash Point:	Not available
5.2. Flammable Limits:	Not applicable
5.3. Extinguishing media:	Use water spray, dry chemical or carbon dioxide
5.4. Firefighting procedure:	Remove container from fire area.
5.5. Combustion products:	Vapors are non-toxic and non-irritant

SECTION 6 – ACCIDENTAL RELEASE MEASUREMENTS

6.1. Spillage/Leaking: Stop leak, contain spill and absorb with inert dry material (Soil or natural absorbents). Sweep up waste and place in Container for disposal. Wash down are with water. Uncontaminated spilled material may be reused.

6.2. Personal protective equipment: Refer to Section 8

SECTION 7 – HANDLING AND STORAGE

- 7.1. Safe Handling: Avoid eye contact and prolonged skin contact. Respiratory protection is normally not required. Wash hands thoroughly after handling the product.
- 7.2. Safe Storage Conditions: Store in vented container. Keep separate from food And feed products and out of reach of children and Animals

SECTION 8 – EXPOSURE CONTROL OR PERSONAL PROTECTION

- 8.1. Personal protective equipment: Chemical goggles or shielded safety glasses and rubber Or neoprene gloves are not required, but their use is Recommended.
- 8.2. Respiratory: Protection not required, but a respirator can be used.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- 9.1. Appearance: Brown Liquid
- 9.2. Odor: Caramel
- 9.3. pH: 4.0 - 4.8
- 9.4. Boiling Point: 101°C
- 9.5. Melting or Freezing Point: -0.5°C
- 9.6. Specific Gravity: 1.35
- 9.7. Density: Not Available
- 9.8. Vapor Pressure: Not Available
- 9.9. Vapor Density: Not Available
- 9.10. Percent Volatile: 95%
- 9.11. Evaporation Rate: Not Applicable
- 9.12. Auto Ignition Temperature: Not Applicable
- 9.13. Solubility in Water: Soluble, Aqueous Solution

SECTION 10 – STABILITY AND REACTIVITY

- 10.1 Stability: Stable under normal conditions of use.
- 10.2. Reactivity: Stable
- 10.3. Hazardous reactions possibility: Will not occur
- 10.4. Conditions to avoid: Storage in vented container
- 10.5 Incompatibility: Always use jar-test to determine compatibility

10.6. Hazardous decomposition: No products known
10.7. Hazardous polymerization: None known

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Acute Oral LD LD₅₀: >5600 mg/kg in rats – non-toxic
11.2. Acuter Dermal LD₅₀: >8600 mg/kg in rats – non-toxic
11.3. Inhalation LC₅₀: >5.92 mg/L air in rats – non-toxic
11.4. Skin Irritation: Non-irritant in rabbits
11.5. Eye Irritation: Non-irritant in rabbits
11.6. Chronic Effects: None Known

SECTION 12 – ECOLOGICAL INFORMATION

12.1. Ecotoxicology: Non-toxic
12.1.1. Bees – LD₅₀ (Oral; 96 hr): >100 µg/bee
12.1.2. Algae – IC₅₀ (72 hr): >100 mg/L
12.1.3. Daphnia – EC₅₀ (48 hr): >1000 mg/L
12.1.4. Trout/Carp – LC₅₀ (96 hr): >1000 mg/L
12.1.5. Earthworm – LC₅₀ (14 days): >1000 mg/kg dry soil
12.1.6. Japanese Quail – LD₅₀ (14 days): >2000 mg/kg

12.2. Biodegradation: Oxidation and micro-organisms

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1. Disposal: Product and container to be disposed of in accordance
With federal, state and local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

14.1. Transportation Not regulated
14.2. Freight Class Code: 70

SECTION 15 – REGULATORY INFORMATION

15.1. Classification: This product is considered non-toxic and non-irritant

SECTION 16 – OTHER INFORMATION

Current Version: 11/19/2019

Supersedes: new

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