

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

Date Prepared: 05/03/21

**L-CBF 5-5-5-1S**

Supersedes Date: new

**SECTION 1 – IDENTIFICATION OF PRODUCT AND OF THE COMPANY**

- 1.1. Product identifier: L-CBF 5-5-5-1S Liquid Fertilizer  
Trade Name:
- 1.2. General use: Fertilizer/Fertilizer Supplement  
Product Description: 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](http://www.qlf.com)
- 1.4. Emergency Telephone Number  
Emergency Number: 800-424-9300  
CHEMTREC

**SECTION 2 – HAZARD IDENTIFICATION**

- 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, monopotassium phosphate, sulfuric acid

## 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.<br>Respiratory protection is normally not required.<br>Wash hands thoroughly after handling the product. |
| 7.2. Safe Storage Conditions: | Store in vented container. Keep separate from food<br>And feed products and out of reach of children and<br>Animals                                    |

## SECTION 8 – EXPOSURE CONTROL OR PERSONAL PROTECTION

- |                                     |   |
|-------------------------------------|---|
| 8.1. Personal protective equipment: | Chemical goggles or shielded safety glasses and rubber<br>Or neoprene gloves are not required, but their use is<br>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 LD<sub>50</sub>: >5600 mg/kg in rats – non-toxic  
11.2. Acuter Dermal LD<sub>50</sub>: >8600 mg/kg in rats – non-toxic  
11.3. Inhalation LC<sub>50</sub>: >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 – LD<sub>50</sub> (Oral; 96 hr): >100 µg/bee  
12.1.2. Algae – IC<sub>50</sub> (72 hr): >100 mg/L  
12.1.3. Daphnia – EC<sub>50</sub> (48 hr): >1000 mg/L  
12.1.4. Trout/Carp – LC<sub>50</sub> (96 hr): >1000 mg/L  
12.1.5. Earthworm – LC<sub>50</sub> (14 days): >1000 mg/kg dry soil  
12.1.6. Japanese Quail – LD<sub>50</sub> (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: 05/03/21

Supersedes: new

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