

SETHNESS PRODUCTS COMPANY

SAFETY DATA SHEET

LIQUID CARAMEL COLOR

SECTION 1. – PRODUCT AND COMPANY

- ❖ Product Name: Caramel Color
- ❖ Product Use: Color
- ❖ Manufactured by: Sethness Products Company
1347 Beaver Channel Parkway
Clinton, Iowa 52732-5933 USA
Telephone: 563/243-3943 (24hr Service)
E-mail: clinton@sethness.com

SECTION 2. – HAZARDS IDENTIFICATION

- ❖ Pictogram: No symbol. Product is not hazardous when used and stored according to instructions.
- ❖ Signal Word: Not Applicable
- ❖ Hazard Statement: Not Applicable

SECTION 3. – COMPOSITION/INGREDIENT INFORMATION

- ❖ Composition: Caramel Color 100%
- ❖ Common synonyms: Caramel
- ❖ CAS #: 8028-89-5, INS #: 150(a, b, c, or d), ECC No.: E150(a, b, c, or d)

SECTION 4. – FIRST-AID MEASURES

- ❖ In case of eye contact: Immediately flush eyes with water for at least 15 minutes.
- ❖ In case of skin contact: Wash skin with soap and water.

SECTION 5. – FIRE FIGHTING MEASURES

- ❖ No special requirements
- ❖ Flash point over 100°C (212°F)

SECTION 6. – ACCIDENTAL RELEASE MEASURES

- ❖ Spillage may be cleaned with water and/or absorbed on sand, cellulose, or vermiculite. Wash water should be disposed of in a sanitary sewer.
- ❖ Secondary containment may be accomplished by diking with the materials mentioned above or sorbent pillows and dikes.
- ❖ PPE should include (at a minimum) waterproof boots, gloves and eye protection.

SECTION 7. – HANDLING AND STORAGE

- ❖ Take appropriate precautions to avoid contact with skin, eyes and clothing.
- ❖ Store in closed containers in a cool and dry environment, preferably not to exceed 32.2°C (90°F). Protect from freezing. CS1, CS5, and P123 should be maintained 15.5-32.2°C (65-90°F), CS30 should be maintained 10-32.2°C (50-90°F). See Specification for each product for more information.
- ❖ High temperature storage accelerates product degradation although product remains non-hazardous.

SECTION 8. – EXPOSURE CONTROLS/PERSONAL PROTECTION

- ❖ No special precautions necessary. Normal hygiene practices to avoid contact with skin, eyes and clothing.

SECTION 9. – PHYSICAL AND CHEMICAL PROPERTIES (As Manufactured)

- ❖ Appearance: Viscous to semi-viscous liquid
- ❖ Color: Blackish-brown to reddish-tan
- ❖ Form: Liquid
- ❖ Odor: Characteristic burnt sugar odor
- ❖ Odor Threshold: Not available

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❖ Physical state:	Liquid
❖ pH:	2.4 – 10.5
❖ Freezing point:	0°C (32°F) and below
❖ Boiling point:	100°C (212°F) and above
❖ Pour point:	Not available
❖ Evaporation rate:	Not available
❖ Flash point:	Over 100°C (212°F)
❖ Auto-ignition temp.	Not available
❖ Flammability:	Not available
❖ Vapor pressure:	Not available
❖ Vapor density:	Not available
❖ Specific gravity:	1.24-1.40
❖ Octanol/water coefficient:	Not available
❖ Solubility in water:	Complete
❖ Viscosity:	10-5000 cP

SECTION 10. – STABILITY AND REACTIVITY

- ❖ Product is non-reactive and chemically stable
- ❖ No known hazardous incompatibilities

SECTION 11. – TOXICOLOGICAL INFORMATION

- ❖ No known acute or chronic health hazards
- ❖ Not listed in the National Toxicology Program (NTP)

SECTION 12. – ECOLOGICAL INFORMATION

- ❖ May contribute to biochemical oxygen demand (BOD) and chemical oxygen demand (COD).

SECTION 13. – DISPOSAL CONSIDERATIONS

- ❖ Conventional methods consistent with local, state and federal regulations.

SECTION 14. – TRANSPORT INFORMATION

- ❖ Listed under "CAMEL" or "CAMEL COLOR"
- ❖ NAFTA Harmonized Tariff Classification Code: 1702.90.5000
- ❖ No hazardous or special markings required

SECTION 15. – REGULATORY INFORMATION

- ❖ U.S. Code of Federal Regulations (CFR): Title 21 – Food and Drugs Section 73.85 (CAMEL), Section 182.1235 (GRAS).
- ❖ European Directives: 94/36/EC (Quantum satis) EU No 231/2012 (Purity specs)
- ❖ EINECS – 232-435-9
- ❖ Toxic Substance Control Act – H000-7743
- ❖ The FDA and European Food Safety Authority (EFSA) have both affirmed in 2011 that Caramel Color is a safe color additive.
- ❖ The California Office of Environmental Health Hazard Assessment (OEHHA) has identified furfuryl alcohol and 4-methylimidazole (4-MeI) as carcinogens pursuant to California Proposition 65. Furfuryl alcohol is present in all Classes of Caramel Color in trace quantities, while 4-MeI is present in Class III and Class IV Caramel Colors. Contact Sethness Products Company for more information on levels.
- ❖ The International Agency for Research on Cancer has identified 4-MeI as a possible carcinogen (Group 2B).

SECTION 16. – OTHER INFORMATION

- ❖ Prepared by: Sethness Products Company
- ❖ Other: Please contact us at 563-243-3943 or lab@sethness.com with any technical questions.

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