

**MATERIAL SAFETY DATA SHEET
LIQUID CARAMEL COLOR**

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SECTION 1. – CHEMICAL IDENTIFICATION

- ❖ Name: Caramel Color
- ❖ NFPA Rating: Health-0, Flamability-1, Reactivity-0

SECTION 2. – COMPOSITION/INGREDIENT INFORMATION

- ❖ Caramel Color 100%
- ❖ CAS #: 8028-89-5 EEC #: E150
- ❖ GRAS for Human Consumption – 21 CFR 73.85, 21 CFR 182.1235

SECTION 3. – HAZARDS IDENTIFICATION

- ❖ None

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 212°F (100°C)

SECTION 6. – ACCIDENTAL RELEASE MEASURES

- ❖ Spillage may be cleaned with water and/or absorbed on sand, cellulose, or vermiculite. Washing should be disposed of in a sanitary sewer as product contains some BOD loading.
- ❖ Secondary containment may be accomplished by diking using the material mentioned above or sorbert pillows and dikes.

SECTION 7. – HANDLING AND STORAGE

- ❖ Store in closed containers in cool and dry environment, preferably not to exceed 33°C.
- ❖ High temperature storage accelerates product degradation although product remains non-hazardous.

SECTION 8. – EXPOSURE CONTROLS/PERSONAL PROTECTION

- ❖ No special precautions necessary. Normal hygiene practices.

SECTION 9. – PHYSICAL AND CHEMICAL PROPERTIES

- ❖ Appearance and odor: Blackish brown viscous liquid with burnt sugar odor and taste.
- ❖ Specific Gravity: 1.25-1.40, Boiling Point: 102-107°C.
- ❖ Solubility in water: Complete

SECTION 10. – STABILITY AND REACTIVITY

- ❖ No known hazardous incompatibilities

SECTION 11. – TOXICOLOGICAL INFORMATION

- ❖ No known acute or chronic health hazards

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 "BURNT SUGAR"
- ❖ NAFTA Harmonized Tariff Classification Code: 1702-90
- ❖ No hazardous or special marking required

SECTION 15. – REGULATORY INFORMATION

- ❖ U.S. Code of Federal Regulations: Title 21 – Food and Drugs Section 73.85 (CAMEL), Section 182.1235 (GRAS).
- ❖ Food Chemicals Codex, "CAMEL".
- ❖ European Directives: 94/36/EC 95/45/EC

SECTION 16. – OTHER INFORMATION

- ❖ The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.