

**MATERIAL SAFETY DATA SHEET
POWDERED CARAMEL COLOR**

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SECTION 1. - CHEMICAL IDENTIFICATION

- ❖ Name: Caramel Color
- ❖ CAS #: 8028-89-5 EEC #: E150

SECTION 2. - COMPOSITION/INGREDIENT INFORMATION

- ❖ Caramel Color 100%
- ❖ GRAS for Human Consumption - 21 CFR 73.85, 21 CFR 182.1235

SECTION 3. - HAZARDS IDENTIFICATION

- ❖ Nuisance Particulate, 15 MG/M³ of total dust. or 5 MG/M³ respirable dust.
- ❖ This material, like most powdered agricultural products, is capable of creating a dust explosion. Powdered Caramel Color is a CLASS I dust hazard and is less hazardous than dry starch (CLASS II).

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.

SECTION 6. - ACCIDENTAL RELEASE MEASURES

- ❖ Spillage should be swept up as much as possible. If cleaning with water is necessary, washings should be disposed of in a sanitary sewer as product contains some BOD (Biological Oxygen Demand) loading.
- ❖ Secondary containment may be accomplished by diking using the material mentioned above or sorbent 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 solid with burnt sugar odor and taste.
- ❖ Readily absorbs moisture from the air.
- ❖ 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: 1702-90-5000
- ❖ No hazardous or special markings 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 and 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.