

MATERIAL SAFETY DATA SHEET



Updated On: 5/25/2010 D

Úæí } &® F€ì
125933

Composition / Information on Ingredients

Component	CAS#
Mono- and Diglycerides	67701-32-0
Propyl Gallate	121-79-9
Citric Acid	77-92-9

Hazards Identification

Emergency Overview: Light yellow waxy or oily liquid. Product can burn in a fire. Extinguish flames with dry chemical, water fog, CO2 or foam or sand/earth. Avoid heavy water stream as fatty material will float. Do not wash into sewer. Get medical attention if large amounts are swallowed.

Potential Health Effects

Eyes: May cause slight irritation.

Skin: May be an irritant Contact with product at elevated temperatures can cause thermal burns.

Ingestion: Low level of toxicity. Believed to present very little hazard if swallowed. Inhalation: May be slightly irritating to respiratory tract, especially if hot.

First Aid Measures

Eye Contact: Flush with running water to remove from eyes. Get medical attention if irritation develops.

Skin Contact: Wash exposed area with soap and water. For contact with product that is hot, cool burned skin area by immersing or applying cold water. Otherwise, get medical attention if irritation develops.

Ingestion: Get medical attention if large amounts are swallowed, or in event of abdominal distress.

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.

Fire Fighting Measures

Flash Point: No data available

Flammable Limits: No data available

Extinguishing Media: Water fog, dry chemical, CO2, foam or sand/earth.

Special Instructions: Do not use heavy stream of water as fatty material will float. Do not wash into sewer.

Hazardous Products: Carbon monoxide, carbon dioxide from burning.

Accidental Release Measures

Dry cleanup recommended. Avoid sewer disposal.

This information is not to be taken as a warranty or representation for which we assume legal responsibility nor as permission or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation, and verification.

MATERIAL SAFETY DATA SHEET

Updated On: 5/25/2010 D

Pationic® 1068
125933

Handling and Storage

Keep container closed when not in use. Store in a cool, dry area. Do not store near combustibles. Keep away from heat, sparks and flames.

Exposure Controls/Personal Protection

Engineering Controls: Use in a well-ventilated area.

Personal Protection:

Eye: Wear safety glasses or goggles. Eyewash station should be provided.

Respiration: Protection not needed if ventilation is good. Otherwise, use NIOSH/MESA approved dust mask if material heated or atomized.

Skin: Protective gloves recommended. Wash thoroughly after handling. Do not get in eyes, on skin or clothing.

Exposure Guidelines: Specific exposure limits have not been established for these materials.

Physical and Chemical Properties

Appearance:	Light yellow liquid		
Odor:	N.A.	Boiling Point:	> 200 °C
Vapor Pressure:	N.A.	Vapor Density:	N.A.
Water Solubility:	Insoluble	Specific Gravity:	About 0.96
Melting Point:	N.A.	Evaporation Rate:	N.A.

Reactivity

Stability: Stable material under normal conditions.

Incompatible Materials: Keep away from strong oxidizers such as hydrogen peroxide, bromine and chromic acid.

Hazardous Decomposition: Carbon dioxide or carbon monoxide from burning.

Hazardous Polymerization: Will not occur.

Toxicological Information

This product is intended for use in bakery products. It is not hazardous as defined in the Federal Hazardous Substance Act. It is also not toxic as defined in OSHA Regulations 20 CFR 1900.1200 - Appendix A - Health Hazard Definitions. Ingestion: Acute toxicity via the oral route of administration is expected to be low.

Ecological Information

No data available

This information is not to be taken as a warranty or representation for which we assume legal responsibility nor as permission or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation, and verification.

MATERIAL SAFETY DATA SHEET



Updated On: 5/25/2010 D

Pationic® 1068
125933

Disposal Considerations

This product is not considered a hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. Please be advised, however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding proper disposal of this material. Unusable material should be disposed of at an approved facility.

Transport Information

This product is not a DOT Hazardous Material.

Regulatory Information

OSHA Hazard Communication Standard, 29 CFR 1900.1200: The components of this product are not considered hazardous chemicals.

TSCA (Toxic Substances Control Act): The ingredients of this product appear on the TSCA Chemical Substance Inventory List, but with no Statutory or Final Reporting Quantities noted, or are exempt.

SARA Title III (Superfund Amendments and Reauthorization Act): Section 311/312 Hazard Categories - Does not meet any hazard category.

Section 313 Reportable Ingredients: none.

Other Information

May be Kosher Certified.
Conforms to Food Chemical Codex, Fifth Edition.

This information is not to be taken as a warranty or representation for which we assume legal responsibility nor as permission or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation, and verification.