

Title: Material Safety Data Sheet for: BGL 855
Date effective: 09/24/03

Document Number: MSDS-0231-02

Written By: JG

Reviewed and Authorized By: *J. P. Rosh*

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

1. PRODUCT AND COMPANY IDENTIFICATION:

BGL 855

(Caprylic/Capric Triglyceride)

Avatar Corporation, 500 Central Ave., University Park, IL. 60466 (708) 534-5511
Transportation emergency contact: Chem Tel (800) 255-3924.

Chemical Family: Triglyceride
Synonyms: Caprylic/Capric Triglyceride
Molecular Weight: Not determined.

2. COMPOSITION / INFORMATION ON INGREDIENTS:

<u>Component</u>	<u>CAS#</u>	<u>Range by Wt.</u>
Medium chain triglycerides	65381-09-1	100%

3. HAZARDS IDENTIFICATION:

NFPA Code: Health-1, Flammability-1, Reactivity-0
HMIS Code: Health-1, Flammability-1, Reactivity-0

Emergency Overview: This product and all ingredients are listed on TSCA and are considered non-hazardous.

Potential Health Effects:

EYE CONTACT: May cause irritation.

SKIN CONTACT: Prolonged or repeated contact with the skin may cause irritation of the hair follicles and block sebaceous gland, causing rash, acne or dermatitis.

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INGESTION: May irritate the digestive tract.

INHALATION: Negligible effect unless heated to produce vapors or as a mist. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness and nausea.

4. FIRST AID MEASURES:

EYES: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.

SKIN: Wash exposed area of skin with soap and water.

INGESTION: Seek medical attention.

INHALATION: If adverse effects occur, remove to uncontaminated area. Get medical attention if symptoms persist.

5. FIRE FIGHTING MEASURES:

FLASH POINT: >175°C

METHOD USED: Cleveland Open Cup

FLAMMABLE LIMITS:

LEL (% vol. in air): Not determined.

UEL (% vol. in air): Not determined.

AUTOIGNITION TEMPERATURE: Not determined.

FLAMMABILITY CLASSIFICATION: Slight hazard. Material must be preheated before ignition will occur.

EXTINGUISHING MEDIA: Agents approved for Class B hazards (e.g., dry chemical, carbon dioxide, foam, steam) or water fog. Do not use streams of water as this will scatter the liquid and spread the fire. A water spray may be used to keep fire-exposed containers and surroundings cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May create dense smoke during combustion. Mild fire hazard when heated above its flash point.

FIRE-FIGHTING EQUIPMENT: Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

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HAZARDOUS COMBUSTION PRODUCTS: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

6. ACCIDENTAL RELEASE MEASURES:

Remove sources of ignition, contain spill to smallest area possible, and stop leak if possible. Pick up small spills with absorbent materials such as paper

towels, sand, or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery surface.

7. HANDLING AND STORAGE:

HANDLING: Use in well-ventilated areas.

STORAGE: Store in a cool, well-ventilated areas in sealed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EYE: Safety glasses, goggles or face shields recommended to protect eyes from mists or splashing.

SKIN: PVC coated gloves recommended to prevent skin contact.

INHALATION: Avoid breathing mist. If ventilation is inadequate, use NIOSH/MSHA certified respirator that will protect against mist.

ENGINEERING CONTROLS: Control airborne concentrations below the exposure guidelines.

EXPOSURE GUIDELINES:

Limits: No TLV has been set for this product. As with all industrial material, exposure of this product to the skin and eyes should be avoided.

9. CHEMICAL AND PHYSICAL PROPERTIES:

APPEARANCE AND ODOR: Pale yellow liquid. Odorless.

VAPOR PRESSURE: < 1.0 mmHg @ 20°C (68°F)

VAPOR DENSITY (Air=1): >1

BOILING POINT: >200°C @ 760 mmHg

SOLUBILITY: Negligible in water (below 0.1%); soluble in hydrocarbons.

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SPECIFIC GRAVITY: 0.9 @ 25 °C/25 °C (77 °F)

EVAPORATION RATE (Butyl Acetate=1): <1

10. STABILITY AND REACTIVITY:

STABILITY: Stable.

CONDITIONS TO AVOID: Excessive heat and ignition sources.

MATERIALS TO AVOID: Avoid chlorine, fluorine, and other strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion produces carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION:

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).

12. ECOLOGICAL INFORMATION:

Ecological testing has not been conducted on this product.

13. DISPOSAL INFORMATION:

Disposal must be in accordance with applicable federal, state, or local regulations.

14. TRANSPORTATION INFORMATION:

Shipping Name: Fatty Acid Ester

NMFC Classification: Class 65

NMFC I.D. Number: 144920

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UN Hazard Class: N/A

15. REGULATORY INFORMATION:

CERCLA Sections 102A/103 Hazardous Substances (40 CFR 302.4): Not reportable.

SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355): Not regulated.

SARA Title III Section 313 (40 CFR Part 372): Not regulated.

U.S. Inventory (TSCA): Listed on inventory.

FDA: This product is approved for use by the FDA and considered GRAS under 21 CFR 170.30.

16. OTHER INFORMATION:

This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.