

CBG Biotech, Ltd.  
26400 Broadway Avenue, Unit A  
Oakwood Village, Ohio 44146 USA  
+1-440-786-7667

For Chemical Spills, Fires, or Exposure:  
Call CHEMTREC (day or night)  
+1-800-424-9300 (in USA)  
+1-703-527-3887 (International)

## MATERIAL SAFETY DATA SHEET

### Section 1. Product Identification:

Product name: Formula 83 (Clearing Solvent) CAS number: N/A; a blend  
Code number: CH0101

### Section 2. Composition/Information on Ingredients:

Product: Naphthenic hydrocarbon blend

### Section 3. Hazards Identification:

NFPA: 1,3,0 (Health, Flammability, Reactivity)  
HMIS: 1,3,0 (Health, Flammability, Reactivity)  
See Section 5 for additional information

### Section 4. First Aid Measures:

Eye Exposure: Flush eyes with copious amounts of water and separate eyelids to assure adequate flushing; slightly irritating, but does not injure eye tissue.  
Skin exposure: Flush with copious amounts of water; may aggravate an existing dermatitis.  
Oral exposure: If swallowed, wash mouth with water provided that person is conscious; do not induce vomiting; call a physician; minimal toxicity.  
Inhalation: Remove to fresh air; if breathing becomes difficult, call a physician; may cause headache, dizziness, anesthesia, drowsiness, unconsciousness, and death by asphyxiation.

### Section 5. Fire Fighting Measures:

Flash point: 7 °C (45 °F); TCC ASTM D56 (minimum)  
Flammable limits: LEL: 1.3 UELO: 10.2 @ 25 °C (77 °F) (approximate)  
Auto-ignition temperature: 250 °C (482 °F) (approximate)  
Hazards: Flammable liquid; can release vapors that form flammable mixtures at temperatures at or above the flash point.  
Static charge accumulation can cause incendiary electrical discharge.  
“Empty” containers retain liquid and/or vapor residues that can be dangerous  
Extinguishing media: Water spray to cool hot surfaces and to protect personnel; foam, dry chemical powder and/or carbon dioxide to extinguish the fire.  
Protective equipment: Wear self-contained breathing apparatus and protective clothing to protect against heat, and to prevent contact with eyes and skin.  
Decomposition products: Nothing unusual

### Section 6. Accidental Release Measures:

Precautions: Avoid contact with eyes and skin, and avoid inhalation of aerosols.  
Clean up: Absorb with an inert material; place in closed containers; ventilate area; clean spill site and dispose of waste according to applicable Federal, State and Local regulations.

Section 7. Handling and Storage:

Handling: Avoid contact with eyes, skin and clothing, and avoid inhalation of aerosols.

Storage: Keep containers tightly closed and store at room temperature.

Section 8. Exposure Controls and Personal Protection:

Protective Equipment: Protective gloves and safety goggles.

Hygiene Measures: Wash thoroughly after handling.

Engineering Controls: Safety shower, eye bath and ventilation exhaust

Section 9. Physical and Chemical Properties:

Appearance: Clear liquid.

Boiling point: 119 ° to 145 ° C (246 to 293 ° F)

Specific gravity: 0.75 at 16 ° C (61 ° F) (H<sub>2</sub>O = 1.0)

Section 10. Stability and Reactivity:

Stability: Stable

Materials to avoid: Strong oxidizing agents

Hazardous polymerization: Does not occur

Hazardous decomposition products: None indicated

Section 11. Toxicological Information:

See Section 4 for information.

Section 12. Ecological Information:

Data is not yet available.

Section 13. Disposal Considerations:

See Section 6. In all cases, disposal should follow all applicable Federal, State and Local regulations.

Section 14. Transport Information:

DOT: Petroleum Distillates, N.O.S., 3, UN 1268, II

Section 15. Regulatory Information:

United States: TSCA: N/A; a blend.

Clean Water Act (40CFR110), Section 311: Listed as an "oil".

Oil Pollution Act of 1990: Listed as an "oil".

SARA Title 311, hazard: Fire

Canada: WHMIS: Classified in accordance with the CPR, and the MSDS contains all of the information required by the CPR.

Section 16. Other Information:

Disclaimer: For commercial and laboratory uses only. Not for drug, or other uses.

Warranty: The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge, and is applicable to the product only with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. CBG Biotech, Ltd. shall not be liable for any damage resulting from handling, or from contact with the product. See reverse sides of invoice, for additional terms and conditions of sale.