



SDS (SAFETY DATA SHEET)

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

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**FOR CHEMICAL SPILLS, FIRES, OR EXPOSURE:
CALL CHEMTREC (DAY OR NIGHT)
+1-800-424-9300 (IN USA) Contract # CCN4081
+1-703-527-3887 (INTERNATIONAL)**

SECTION 1. IDENTIFICATION

Product name: Formula 83 (Clearing Solvent)
Code number: CH0104

CAS number: N/A; a blend

SECTION 2. HAZARDS IDENTIFICATION

NFPA: 1,3,0 (Health, Flammability, Reactivity)

HMIS: 1,3,0 (Health, Flammability, Reactivity)

See Section 5 for additional information

GHS Label element

Hazard pictograms



Signal word

: Danger

Classification of the substance or mixture

GHS label elements

FLAMMABLE LIQUIDS - Category 2

SKIN IRRITATION - Category 2

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects)
Category 3

ASPIRATION HAZARD - Category 1

AQUATIC HAZARD (ACUTE) - Category 2

AQUATIC HAZARD (LONG-TERM) - Category 1



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	Synonyms	Concentration (%)
Naphtha (petroleum), hydrotreated light	Low boiling point hydrogen treated naphtha; Hydrotreated light straight run (petroleum); Naphtha, petroleum, hydrotreated light; Hydrotreated light, straight run, petroleum	< 100

SECTION 4. FIRST-AID MEASURES

- Eye Exposure: Flush eyes with copious amounts of water and separate eyelids to assure adequate flushing; Seek medical attention as appropriate. No known significant effects or critical hazards.
- Skin exposure: Flush with copious amounts of water; Remove contaminated clothing; Seek medical attention as appropriate. May cause skin dryness and irritation.
- Oral exposure: If swallowed, wash mouth with water provided that person is conscious; do not induce vomiting; ; Seek medical attention as appropriate. Corrosive to the digestive tract. Causes burns. Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.
- Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

SECTION 5. FIRE FIGHTING MEASURES

- Flash point: Closed cup: 20.5°C (68.9°F) [Tagliabue.
- Flammable limits: LEL: 0.9% UEL: 6.7% (approximate)
- Auto-ignition temperature: 246°C (474.8°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: Decomposition products may include the following materials: carbon dioxide carbon monoxide



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: 129 to 144°C (264.2 to 291.2°F)
Specific gravity: 0.76 (H₂O = 1.0)

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable
Materials to avoid: Strong oxidizing agents
Conditions to avoid: Spark or flame.
Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will 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: All components are listed or exempted



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, health

Canada: WHMIS: All components are listed or exempted Classified in accordance with the CPR, and the SDS 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.