

SDS (SAFETY DATA SHEET)

According to OSHA Hazard Communication Standard, 29 CFR
1910.1200

Revision Date: 06/01/2015

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**FOR CHEMICAL SPILLS, FIRES, OR EXPOSURE:
CALL CHEMTREC (DAY OR NIGHT)
+1-800-424-9300 (IN USA)
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SECTION 1. IDENTIFICATION

Product name: Formula 83 (Clearing Solvent)
Code number: CH0101

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

Hazard statements : PHYSICAL HAZARDS:
H225 Highly flammable liquid and vapor.
HEALTH HAZARDS:
H304 May be fatal if swallowed and enters airways.

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H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child at high levels
H373 May cause damage to organs through prolonged or repeated exposure.
ENVIRONMENTAL HAZARDS:
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat/sparks/open flames/hot surfaces.
- No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P273 Avoid release to the environment.

Response:

- P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P370+P378 In case of fire: Use appropriate media for extinction.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P332 + P313 If skin irritation occurs: Get medical advice/ attention.
- P362 Take off contaminated clothing and wash before reuse.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 Call a POISON CENTER or doctor/ physician if you feel ill.
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
- P331 Do NOT induce vomiting.
- P308 + P313 IF exposed or concerned: Get medical advice and attention.
- P391 Collect spillage.

Storage:

- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

Disposal:

- P501 Dispose of contents and container to appropriate waste site or agent in accordance with local and national regulations

Other hazards which do not result in classification

- May form flammable/explosive vapor-air mixture.
- This material is a static accumulator.
- Even with proper grounding and bonding, this material can still accumulate an electrostatic charge.
- If sufficient charge is allowed to accumulate, electrostatic discharge and ignition of flammable air-vapor mixtures can occur.
- Vapors may be irritating to the eye.
- Repeated exposure may cause skin dryness or cracking

The classification of this material is based on OSHA HCS 2012 criteria.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	Synonyms	Concentration (%)
Solvent naphtha (petroleum), light aliphatic	Solvent naphtha (petroleum), light aliphatic	< 100

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: 10 °C (50 °F); TCC ASTM D56 (minimum)
- Flammable limits: LEL: 1.0 UELO: 6.0 (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: 113 ° to 145 ° C (235 ° F to 293 ° F)
Specific gravity: 0.75 at 16 ° C (61 ° F) (H₂O = 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, health
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.