redo Biosolutions

Harm Zero

PRODUCT INFORMATION

# Liquefied biogas (LBG)

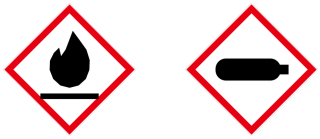
Redo Biosolutions AS · LBG site Lidköping · Lidköping Municipality

| | |
|---|---|
| **Product** | LBG – liquefied biogas |
| **Main component** | Methane ($CH_4$) |
| **CAS no.** | 74-82-8 |
| **UN no.** | 1972 |
| **Hazard class** | Flammable gas, category 1 · Gases under pressure: refrigerated liquefied gas |
| **Signal word** | DANGER |
| **Use** | Fuel and energy for industry |

**Scan for the safety data sheet (SDS)**

Chemical register for the site · Skanna för säkerhetsdatablad

## 1 Hazards



**H220** Extremely flammable gas.

**H281** Contains refrigerated gas; may cause cryogenic burns or injury.

The gas is not toxic, but it can displace air in enclosed spaces.

## 2 Properties



**Extremely flammable**



**Lighter than air – rises**



**Displaces air in enclosed spaces**




**Flammable at 5–15 % in air**




**Very cold liquid, –162 °C**

## 3 About the product

LBG is biogas that has been upgraded to mainly methane and cooled to –162 °C so that it becomes liquid. In liquid form the gas takes up far less space and can be stored in insulated tanks and transported by tanker truck. The gas is odourless.

The safety data sheet covers, among other things, first aid (section 4), firefighting (section 5) and accidental release measures (section 6). Scan the QR code for the latest valid version.

**IN CASE OF FIRE OR GAS LEAK**
**Call 112**

**REDO ON CALL · 24/7**
**+47 476 72 395**

***Harm Zero*** **— no harm to people, the environment or assets.**

Hazard class and hazard statements according to the CLP Regulation (EC) No 1272/2008. In case of discrepancy, the safety data sheet applies.