PRODUCT INFORMATION

Liquefied biogas (LBG)

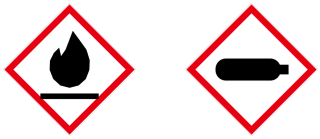
Redo Biosolutions AS · LBG site Herøya · Porsgrunn

Product	LBG – liquefied biogas
Main component	Methane (CH4)
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 · Skann for sikkerhetsdatablad

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. Before gas is sent into a gas network, the odorant THT is added so that a leak can be smelled.

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 110

REDO ON DUTY · 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.