

INFORMATION FROM AIR PRODUCTS

Security and alert

Version 1
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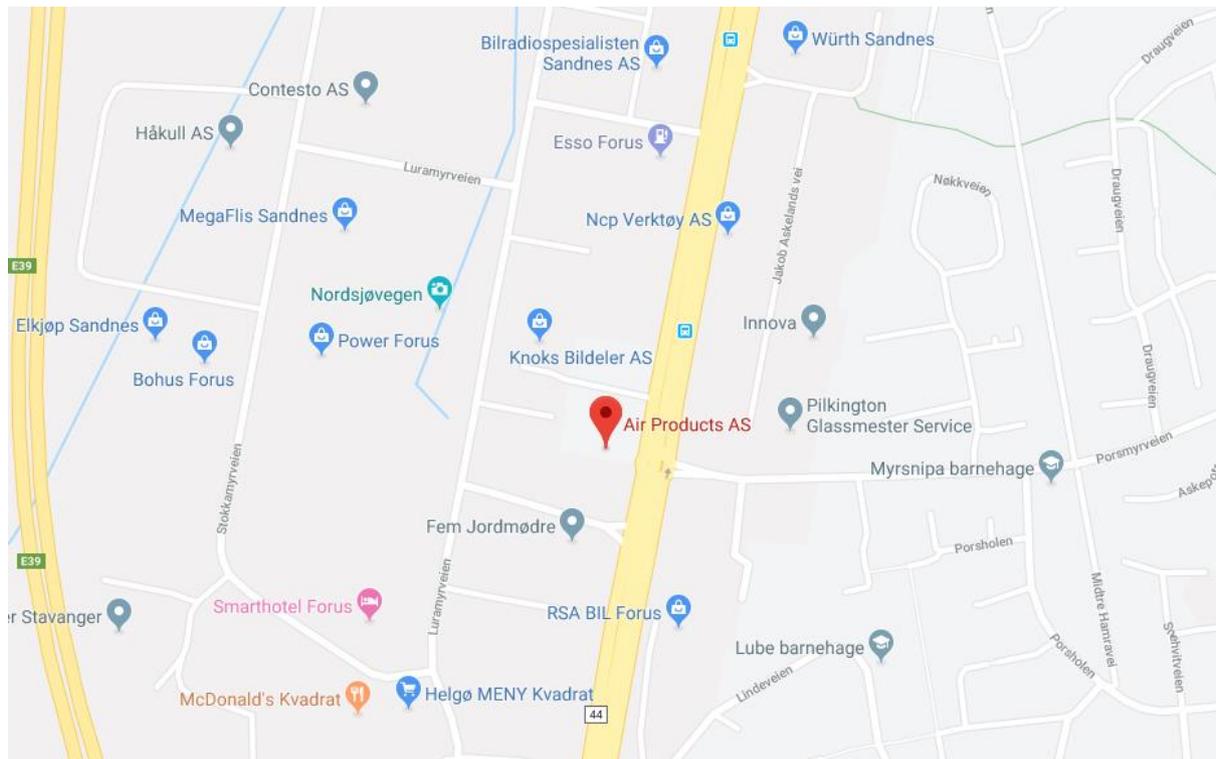
In accordance with Section 12 of the Major Accident Regulations, security and alert information is distributed to nearby business and homes of Air Products AS. Here you will get information about what you should do if any accidents occur. This information has been published at the request of the DSB (Directorate of public safety and preparedness).

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1. Company name and address

1.1 This information is from Air Products AS, org.no 974 146 290. Visiting address is Luramyrveien 27, 4313 Sandnes.



1.2 Internet address is www.airproducts.no

This information is found under "Contact" on the front page.

1.3 The base manager is Jon Olav Birkeland. Email: birkeljo@airproducts.com

Phone number: 51 63 62 92/95 04 65 09.

Duty phone 24/7: 91 66 37 73

2 Major Accident Regulations

2.1 Air Products is covered by the major accident regulations and submits a notification to DSB (Directorate of public safety and preparedness in accordance with § 6 No. 1. The major accident regulations can be read in full at:

<https://lovdata.no/dokument/SF/forskrift/2016-06-03-569>

3 Business activities

3.1 Air Products produce and mix compressed, oxidizing and liquid gases. This applies to Nitrogen, Oxygen and Helium. The gases are produced, stored and transported in gas cylinders and dewars.

The company also has storage of gases for another gas company, Nippon Gases Norway. This storage consists of compressed, oxidizing and flammable gases.

4 Overview of the company's gas types and their dangers

4.1 The company has the following types of gases:

Liquid gases: Helium, Nitrogen, Oxygen.

Compressed gases: Helium, Nitrogen, Oxygen, Air.

Flammable gases: Propane, Acetylene, Hydrogen.

4.2



Gass under trykk. Gass eller andre kjemikalier som er trykksatt, eller gass som er flytende ved svært lav temperatur. Beholderen kan eksplodere ved ytre brann.



Oksiderende. Kjemikalier som kan forårsake brann i eller bidra til forbrenning av andre materialer.



Brannfarlig. Kjemikalier som er brannfarlige og kan brenne voldsomt ved antenning eller varmetilførsel. Enkelte kjemikalier utvikler brannfarlig gass i kontakt med vann eller selvantenner i luft.

5 In the event of an accident

5.1 There are 2 scenarios that have the potential to affect nearby business, roads and homes. That is leakage from storage tanks with liquid gases or a fire. Leakage from storage tanks applies to Nitrogen, Helium and Oxygen

5.2 Leakage from storage tanks of Nitrogen and Helium has the potential of inflicting severe cold burns and possible suffocation as it displaces the oxygen in the air around it. It also has the potential to disturb nearby roads due to the gases evaporating into the atmosphere creates a fog.

The dangers from such an event is however short lived due to the gases quickly evaporates into the atmosphere.



5.3 In case of severe leakage from the storage tank with Oxygen, this also has the potential of causing severe cold burns and fog to disturb nearby roads. Oxygen will also quickly start evaporating into the atmosphere.

But since Oxygen is oxidizing it is easily flammable and will aggravate any fires significantly.

In such an event Air Products and the local fire department will create a safety radius of at least 100 m around the site of Air Products.

5.4 In the event of a major fire, that is fire in the flammable gases and / or with liquid storage tank with oxygen there is full evacuation with a safety radius of minimum 200 m.



5.5 In the event of an accident it's primarily the fire department that will be responsible for the alerting.

5.6 The fire department and police can provide continuous updates during an accident through radio and the internet.

6 Audit from the Directorate for Public Safety and Preparedness (DSB)

6.1 Reports from any major accident inspections in DSB's operations are in some cases available to the public.

www.dsb.no