



Safety Information

KÄITAJA NIMI

VKG Oil AS

ADDRESS

Järveküla tee 14, Kohtla-Järve, Ida-Viru County, Estonia

FURTHER INFORMATION ON SAFETY MEASURES

VKG Safety and Quality manager, tel. +372 334 2541

The company's main fields of activity are the production of oil shale chemical products, the production of organic basic chemicals, and the production and distribution of chemicals.

VKG Oil is a company with a major emergency rating of A. The company is compliant with the requirements of the Chemicals Act and the integrated environmental permit.

The company takes all possible accident prevention measures. Any emergency responses are pursuant to the Emergency Plan coordinated with the Rescue Board and approved on 18.10.2020.

Substances with Major Accident Potential

Different shale oils fractions, which are produced, reprocessed and stored on technological equipment. The largest quantity of different shale oil fractions is stored in the reservoirs of the shale oil equipment container park. In the case of leaks from the reservoir(s) or truck tanks/railway tanks, oils may ignite due to equipment failures or violations of safety requirements. Burning products and oil vapours are hazardous to health.

The main risk factors in the production process are

- Fires;
- Chemical leaks;
- Explosions (including BLEVE).

Informing the public of hazards

- In the case of any hazard to the population arising from the company, the notification of the public shall be organised by a member of the Management Board of VKG Oil AS.
- Information concerning the accident shall in accordance with the procedure prescribed by law also be forwarded to the Rescue Board, the Consumer Protection and Technical Regulatory Authority, the Environmental Inspectorate, and the local government.

In the case of an accident:

- Inform a unit staff member.
- If outdoors, move away from the hazard area in the opposite direction of the wind.
- If indoors, close the doors and windows, as well as the ventilation outlets to keep out toxic smoke.
- If in a car, close the doors and windows and switch off ventilation.

Giving first aid

- Inform a unit staff member.
- People with smoke-related injuries should be taken into fresh air or to a room with clean air.
- Set the injured person in a prone position and monitor them until the arrival of medical staff.

VKG Oil does everything in its power to prevent accidents. We also collaborate with the Rescue Board to ensure the necessary responses are taken and the consequences minimised in the case of accidents.



Safety Information

Danger zone

The danger zone is the area in which there is a risk of harm to life and health or damage to property if there is an accident in the installation.



Definitions

In the case of an explosion of a tank truck carrying oil shale petrol (BLEVE) – the predicted maximum diameter of a fireball caused by an explosion is 136 metres and the predicted maximum radius of the danger zone is 360 metres. The danger zone does not extend beyond the territory of the company.

RED – Extremely hazardous area – (heat flux intensity 25 kW/m²) extends to 198 metres.

ORANGE – Very hazardous area – (heat flux intensity 10 kW/m²) extends to 322 metres.

YELLOW – Hazardous area – (heat flux intensity 8 kW/m²) extends to 360 metres. The external boundary of the hazardous area is also the external boundary of the danger zone.