

2022

Information of the public
according to § 8a of the
Major Accidents Ordinance

UTM Umwelt-Technik-Metallrecycling GmbH

Status: 01.04.2022

LI-59 Revision 5

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With the following information pursuant to § 8a of the 12th BImSchV, UTM Umwelt- Technik-Metallrecycling GmbH, as the operator of relevant business areas, is obliged, among other things, to inform you. The obligations of the operators of corresponding operational areas include, among others, measures to prevent major accidents and to limit the effects of possible major accidents (§§ 3-5 12. BImSchV).

UTM Umwelt-Technik-Metallrecycling GmbH (hereinafter referred to as UTM GmbH) is a Europe-wide operating certified waste management company according to § 56 KrWG as well as ISO 9001 and ISO 14001. We deal with the development and operation of plants and machines in the field of waste and recycling management. Within 20 years we have developed into specialists in the field of safe processing of pressure vessels. Since 2007, UTM GmbH has been part of the French group Séché Environnement with approx. 5,900 employees. ¹

1. Full address of the operation site

UTM Umwelt-Technik-Metallrecycling GmbH
Alt - Herrenwyk 12
23569 Lübeck, Germany
Tel. 0451/30209-40
Fax. 0451/30209-38
E-mail: info@utmluebeck.de

2. Compliance with regulations according to 12. BImSchV

The recycling plant is an operation site with extended duties accordance with the 12th BImSchV (Major Accidents Ordinance) and is inspected at regular intervals by the responsible authority for a high level of safety. We see it as our duty to inform you and to implement any measures to prevent an incident at any time. In accordance with § 7 Paragraph 1 of the Major Accidents Ordinance, notification was made to the LLUR in accordance with the amended Major Accidents Ordinance on 30 June 2017.

3. Activities in the operating area of UTM GmbH

a. Recycling of acetylene gas cylinders

Our main activity is the recycling of acetylene gas cylinders. In addition to their acetylene content, acetylene gas cylinders have a kind of porous mass and a solvent.

In our specialized process, the acetylene gas cylinders are heated under vacuum so that they (and thus also the porous mass) dry out from the inside. This gentle process distills the internal solvent. The acetylene gas bottle is then mechanically disassembled. The porous mass is usually disposed of and the remaining steel container recycled.

¹ Number of employees. 31.12.2021

b. Research Development

With our own specialized research department, we have developed and economically implemented successful patents over the past 20 years. For example, with our self-developed and patented safety containers and systems, we are also able to safely recycle toxic and self-igniting substances. We are always working on further developments in the field of recycling with the guiding principle of protecting nature and man from harmful environmental effects.

c. Testing of acetylene gas cylinders

We are a Dekra-certified company in the field of pressure vessel testing. The pressure vessels to be tested are subjected to a pressure test. In addition, the function of the valves and the external condition of the pressure vessels are tested by experienced personnel to ensure the safety of the pressure vessels to be tested.

d. Operation of an intermediate storage facility

Storage of hazardous waste e.g. gas cylinders with AVV 16 05 04*. These are safely stored in a protected area until they are removed for disposal.

4. Substances used

In the warehouse:

Waste Code (AVV)	Official name	Common name	Possible hazards
16 05 04*	gases containing dangerous substances in pressure vessels	Gases with varying degree of risk	e.g. # acutely toxic, flammable, oxidizing, self reactive, marine pollutant
14 06 01*	Fluorinated hydrocarbons, HCFCs, HFCs	Refrigerant / coolant with different degree of hazard	e.g. # acutely toxic, flammable, marine pollutant
15 01 11*	Metal packaging that is dangerous to the environment. solid porous matrix (e.g. asbestos), including emptied pressure vessels	Acetylene gas cylinder	flammable

The possible dangers are of course substance-specific.

The most characteristic substances of our company are the individual components of the acetylene gas bottle, as these are separated in our recycling plant:

substance	danger warnings
acetylene	H220: Extremely flammable gas. H230: May react explosively even in the absence of air. H280: Contains gas under pressure; may explode if heated.
acetone	H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.
DMF (N,N-dimethylformamide)	H226: Flammable liquid and vapour. H312: Harmful in contact with skin. H332: Harmful if inhaled. H319: Causes serious eye irritation. H360D: May damage the unborn child.
asbestos	H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>. H372: Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

5. General Information

Due to the technical design of the plant and the organizational measures taken, the probability of an incident occurring is low. Despite these safety measures, an incident such as a fire in acetylene gas cylinders cannot be completely ruled out. In this case, the emergency and rescue services shall proceed according to an external alarm and hazard prevention plan. Warnings can be given by loudspeaker and/or radio announcements. In this case your requests are to be followed.

Even if we maintain a high level of safety and thus the possibility of an incident (emergency) is extremely low, we would like to provide you with information that will help you to react correctly in an emergency:

- Stay away from the scene of the accident and keep roads and paths clear for the emergency services.
- Avoid any sources of ignition. Stopp Smoking.
- Don't be out in the open. Call tenants who may still be outside into your house.
- Close doors and windows as tightly as possible.
- Switch off all ventilation and air conditioning systems.
- Follow the instructions of the police and fire brigade.

- Help children, the elderly or the disabled.
- Do not block the emergency call connection to the police, fire brigade and rescue services by asking questions, unless you yourself are directly endangered by special situations such as fire or accident. In this case, dial 112 (fire brigade) or (police).
- Contact a doctor or emergency medical service if you have any health problems.

6. Last on-site visits

The last on-site inspection according to §17 Abs. 2 12.BImSchV took place on 30.03.2022 and according to IED on 08.09.2021 .

Further information can be obtained from the website <http://www.schleswig-holstein.de/DE/Fachinhalte//immissionsschutz/Ueberwachungsberichte/UTM.html> and from the Landesamt für Landwirtschaft, Umwelt und ländliche Räume des Landes Schleswig-Holstein (LLUR), Dezernat 73, Hamburger Chaussee 25 24220 Flintbek.

7. Obtaining further information

If you require further information on safety measures and correct behaviour in the event of a incident, please contact us directly by telephone or the LLUR.