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## **Information according to §14 of the Environmental Information Act (UIG)**

Dear neighbours!

We have been operating industrial plants in your neighborhood for more than 100 years.

Due to the close neighborly ties, we feel responsible as a regional employer for your safety and our environment.

Safety has always had the highest priority at Asotec Pyrotechnic Solutions GmbH and Astotec Holding GmbH. Through our own initiatives and in cooperation with the authorities, we are constantly adapting the extensive safety precautions in our production areas to the latest state of the art. There has never been an industrial accident at our facility that has endangered you or our environment.

With this updated brochure we inform you about the correct behavior in the event of an industrial accident.

Please keep this brochure handy near your phone so that you and your family members can refer to it at any time.

May 2022

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Michael Schatzer, Managing Director  
Astotec Pyrotechnic Solutions GmbH

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Franz Kain, Security Officer  
Astotec Holding GmbH

## Information according to Article 14 of Directive 2012/18/EU - general part

### 1. Application of the Industrial Accidents Ordinance and fulfillment of the notification obligations

The company listed in the appendix operates systems that require approval and are subject to the Industrial Accidents Ordinance. These systems were approved after thorough examination by the specialist authorities. A high safety standard is guaranteed by both internal and external controls (by independent experts, e.g. TÜV). Despite all technical and organizational precautions, industrial accidents cannot be completely ruled out. Internal (internal) and external emergency plans are in place to keep our neighbors safe and to minimize the impact of such potential events.

Due to the safety reports drawn up for the individual plant types and quantities of substances, a hazard to our neighborhood can be largely ruled out.

To further minimize danger, we maintain a well-trained and equipped fire-fighting team. In the event that such an event occurs despite all preventive and containment measures and exceeds our company limits, we want to provide you with this brochure as a precautionary measure and provide you with information on how to behave for your personal protection.

### 2. Which facilities are operated?

See information on the individual companies starting on page 7.

### 3. What is an industrial accident?

An industrial accident is an event such as a major emission, fire or explosion that results in a serious hazard to people, animals, plants, soil, water, atmosphere, culture and property.

### 4. Which substances can cause an industrial accident?

The Industrial Accidents Ordinance lists a large number of substances, some of which are also used in our plants. Substances and mixtures can be assigned to the following hazard classes according to Annex VI of the CLP Regulation:

- Explosive substances / mixtures and articles containing explosives
- Flammable liquids
- Flammable solids
- Pyrophoric solids
- Substance or mixture which, in contact with water, emits flammable gases
- Oxidizing solids
- Acute Toxicity ("Toxic")
- Skin corrosion/irritation
- Serious eye damage/eye irritation
- Reproductive toxicity
- Specific target organ toxicity (single exposure) ("harmful")

- Specific target organ toxicity (repeated exposure) ("harmful")
- Hazardous to the aquatic environment

## 5. What we do to avoid an industrial accident?

All systems are continuously checked and approved by the competent authorities (BH Wr. Neustadt - Commercial Department, NÖLReg - BD2, Labor Inspectorate Wr. Neustadt, etc.) in accordance with the statutory provisions. These permits take into account all environmental and safety-related aspects, such as plant safety, occupational safety, air pollution control and water protection, as well as waste avoidance, recycling and disposal.

To prevent industrial accidents, the following safety aspects are observed:

- If possible, hazardous substances are replaced by others with a lower risk potential and the remaining quantities are reduced to the absolute minimum.
- The safety systems are multi-level.
- The systems are operated, maintained and tested by well-trained and regularly trained personnel.
- Internal experts constantly check the systems.
- External experts regularly check the company.
- Fire alarm systems are installed to fight fires immediately.

In addition we have

- a well-trained platoon from the Hirtenberg company fire brigade
- Retention basin for extinguishing water
- a constantly manned alarm center (porter Hirtenberg)
- constant on-call services to avert danger in the event of an incident and
- Internal alarm and emergency plans coordinated with the authorities

## 6. What impact can an industrial accident have?

If, despite all technical and organizational protective measures, an industrial accident occurs, the release of toxic and caustic substances is a possible danger in addition to fire and explosions.

In such a case, depending on the type of industrial accident, effects outside the factory premises cannot be completely ruled out.

May occur:

- Property damage
- Pollution of soil and water
- Air pollution

The latter can also lead to health impairments, such as

- Eye and respiratory tract irritation
- Headache and nausea

## **7. How is an industrial accident reported?**

In the event of events such as major accidents at work or industrial accidents, we inform the following departments:

- Police
- BH Wiener Neustadt
- Labor Inspectorate Wr. Neustadt

The population is informed by Astotec Pyrotechnic Solutions GmbH, the fire brigade and the police. In addition to the dispatched platoon of the Hirtenberg company fire brigade, additional external emergency services are requested according to the rules laid down in the emergency plan, depending on the extent of the industrial accident.

## **8. How to behave in the event of an industrial accident?**

Please adhere to the specifications of the leaflet "Behaviour in an emergency" and the safety instructions (intranet).

## **9. Further information**

Further information on the individual companies can be found from page 7 onwards.

## Astotec Pyrotechnic Solutions GmbH

### 1. Name of operator and location

Astotec Pyrotechnic Solutions GmbH  
Hauptstraße 1  
2722 Winzendorf

A certified company according to DIN-ISO 9001 quality management system.

### 2. Appointment and position of the person providing information

During normal working hours

Security Officer  
Franz Kain  
Phone: 02256 81184-401

Security Officer  
Herbert Hirt  
Phone: 02638 22441-9090

### 3. Application of the industrial accidents ordinance and fulfillment of the notification obligation

The company Pyrotechnic Solutions GmbH and its systems are subject to the provisions of the Industrial Accidents Ordinance. The systems have been checked and approved by the responsible authorities.

In addition, the required safety report and an alarm and emergency plan were drawn up.

### 4. Nature and purpose of facilities

Pyrotechnic Solutions GmbH operates systems that are subject to the Industrial Accidents Ordinance. The manufacturing processes are continuously monitored through production monitoring and analytical support. The facilities are listed below:

Pyrotechnic Solutions GmbH operates systems for the manufacture of pyrotechnic products, which are used primarily in automotive safety, mining, fireworks technology and safety technology. According to the Industrial Accidents Ordinance, these are plants for the production and processing of explosive or potentially explosive substances within the meaning of the Shooting and Explosives Act, which are therefore subject to approval.

The production or processing of the energetic substances takes place in special industrial plants with appropriate safety devices and/or special safety housings.

Raw materials are supplied exclusively by truck transport. Both raw materials and the intermediate and end products made from them are stored in special warehouses. The final products are delivered by road transport.

## 5. Substances and mixtures that can cause an industrial accident and their essential hazard characteristics

Of the substances listed in the list of substances in the Industrial Accidents Ordinance, only a few substances or substance groups occur at Astotec Pyrotechnic Solutions GmbH in normal operation. Intended operation is the permissible operation for which a system is intended, designed and suitable according to its technical purpose.

- Explosive substances/mixtures and products with explosives (e.g. pyrotechnic compositions, explosives)
- Substances and mixtures classified as "toxic" (e.g. sodium azide)
- Oxidizing solids (e.g. potassium nitrate)
- Flammable liquids (e.g. ethyl acetate, acetone)

You too can come into contact with hazardous substances at work, at home or in your free time. For your protection, such substances are marked with symbols. They describe the dangers and stand for appropriate precautionary measures. The same symbols also apply in industry. The following substances with their hazard designations and hazard symbols occur at Astotec Pyrotechnic Solutions GmbH in relevant quantities (see table).

Danger pictograms	Name of substance	Dangerous properties according to the CLP regulation
	pyrotechnic kits, explosives (octogen, nitropenta, HMX)	Explosive substances/mixtures and articles with explosives of divisions 1.1, 1.2, 1.3, 1.4
	Solvents, paints (Acetone, Ethanol, ISO Amyl Acetate)	Flammable liquids hazard categories 1, 2, 3 pyrophoric solids hazard category 1
	Oxidizing solids (Potassium nitrate, potassium permanganate, potassium chlorate)	Oxidizing solids, hazard categories 1, 2, 3
	Hydrazine, sodium nitrite	Acute toxicity (oral, dermal, inhalative) hazard categories 1, 2, 3
	Ammonia solution, hydrazine	Serious eye damage, hazard category 1 Skin corrosive Hazard Categories 1B

	Lead Dioxide, Potassium Dichromate	Reproductive toxicity, hazard category 2
	Ammonia solution, potassium chlorate	Hazardous to the aquatic environment

## 6. Types of hazard in the event of an industrial accident and possible effects on people and the environment

Hazard types / Incident	Possible effects	Assessment of the risk
Fire	Spread of toxic or caustic fire gases, also beyond the operational limits.  Spread of soot clouds, also beyond the operational limits.	The risk of an incident inside and outside the company premises was expertly considered in risk analyzes and classified as manageable. With derived protective and security measures, effects can be reduced to an acceptable level.  The occurrence of such an incident, the occurrence of health-damaging effects outside the company premises, is classified as "improbable" due to the extensive protective measures.
Heat	Heat radiation	
Explosion	Debris throw Blast wave	
Release of toxic substances	Spread of toxic or corrosive gases and vapors.	

## 7. Warning and continuous information about the course of an industrial accident

See information in accordance with Article 14 of Directive 2012/18/EU.  
General part point 7.

## 8. What to do in the event of an industrial accident

We recommend that you adhere to the instructions in the leaflet "Behaviour in an emergency" and the announcements over loudspeakers and radio.

## 9. Appropriate measures to prevent industrial accidents

Despite preventive measures such as

- Plants and buildings tailored to materials
- regular employee training
- routine inspection of the systems (deficiency reporting system)
- Events such as fires or explosions can occur. In this case, the company fire brigade is alerted immediately and arrives at the scene within a few minutes.

Further measures to avert danger are based on the internal emergency plan. This is coordinated and regulated with the authorities

- the deployment of the fire brigades
- the responsibilities and

- the reporting chains

## **10. External Contingency Plan**

The company's internal emergency plan served the BH Wr. Neustadt as the basis for the external emergency plan and disaster control plan.

## **11. Obtaining Additional Information**

Additional information about safety and environmental protection measures and the correct behavior in the event of an industrial accident is available from the following office on request:

Security Officer  
Franz Kain  
Astotec Holding GmbH  
Phone: 02256/81184-401

Security Officer  
Herbert Hirt  
Astotec Pyrotechnic Solutions GmbH  
Phone: 02638/22441-9090

## **Leaflet – Behavior in case of an emergency**

If you learn of an industrial accident at our facility or of a transport accident involving chemical or explosive products in your area, please note the following information. In doing so, you contribute to your personal protection and effective help.

### ***Siren***

When the siren sounds (one minute wail), turn on the radio and listen for announcements.

### ***Radio***

Reports about an industrial accident, rules of conduct and the all-clear are issued via the radio station.

### ***Speaker***

Pay attention to the loudspeaker announcements of the fire brigade and the police.

### ***Neighbors***

Notify your immediate neighbors.

### ***Windows***

Close the windows and doors.

### ***Air conditioning***

Turn off ventilation and air conditioning systems.

### ***Rooms***

If possible, look for rooms on the upper floors.

### ***Outdoors***

Visit closed buildings, call children into the house, park and leave the car, take in passers-by temporarily.

### ***Physician***

In the event of health impairments, contact your family doctor or medical emergency service.

### ***Accident location***

Stay away from the scene of the accident and keep roads and paths free for emergency services.

### ***Police***

Follow the instructions of the police.

### ***Phone***

Do not block the telephone connection to the fire brigade, police and rescue service by asking questions unless a special situation (fire, emergency) requires a call.

### ***All clear***

Pay attention to the all-clear announcements over the radio or loudspeaker announcements by the fire brigade and the police.