

**FREY&LAU** 

*explore your senses*

# *Safety at FREY&LAU*

Information for Our Neighbors

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# *Safety at Frey + Lau GmbH*

Dear Neighbors,

Frey + Lau GmbH has been located in Henstedt-Ulzburg since 1994. We produce essential oils, flavors and fragrances. Some of the essential oils are also used as active ingredients in pharmaceutical products. Due to the alignment of the German regulations to the European directives, our company is now subject to the Major Accidents Ordinance ("Störfallverordnung"). We are publishing this brochure to inform you about potential hazards. Although these hazards can never be completely ruled out, we have limited them to the unavoidable minimum by implementing state-of-the-art safety measures.

Best Regards

Dr. Maja Zippel and Claas Nendel CEOs,

Frey + Lau GmbH

# *Our Safety Concept*

## **SAFETY AT FREY + LAU GMBH**

Chemical substances are sometimes associated with certain hazards – that is in their nature. Nevertheless, the number of accidents that occur is very small due to the sophisticated protective measures used in the chemical and pharmaceutical industries. Longstanding experience and advanced technology ensure the highest level of safety.

### **At FREY&LAU, Security is Top Priority**

If an incident or accident should happen nevertheless, a well-coordinated alarm system ensures that the fire department is quickly on site. By implementing regular practice drills and with the aid of up-to-date layout and planning documents, the fire department can control the incident, e.g. an incipient fire, very quickly and thus prevent greater damage. The internal alarm, emergency and hazard prevention plans serve as a basis for this.

# Major Accidents Ordinance

## SAFETY AT FREY + LAU GMBH

We are sending you this brochure in compliance with the legal requirement specified in Section 11 of the Major Accidents Ordinance. Our intent is to inform you about our company as openly and in an as transparent manner as possible. There is no specific immediate incident or particular risk or hazard at this time. The Major Accidents Ordinance is a legal regulation intended to prevent serious accidents. In the industry, an “incident” is defined as an accident during which fires, explosions or release of toxic substances occur which are associated with very specific substances or substance categories listed in the Major Accidents Ordinance. In the legal and technical language of the Major Accidents Ordinance, Frey + Lau is an “upper-tier establishment”, i.e. an operation with potential hazards. On page 10, we have listed some examples of substances which we use in our company and whose hazard symbols are listed in the Major Accidents Ordinance. On the following pages, we will provide information on the protective measures we implement.

The firefighters of the Henstedt-Ulzburg fire department will be quickly on site in the event of an emergency, as regular practicedrills demonstrate.



# Plant, Equipment and Operations

## SAFETY AT FREY + LAU GMBH

Our primary products are essential oils, flavors and fragrances.

Essential oils for pharmaceutical products are produced in equipment that is subject to regulatory approval pursuant to Section 4 of the German Federal Immission Control Act. At FREY&LAU, our operations mainly involve the transfer of raw materials from tank trucks and mixing processes in our production batching tanks. The substances are stored in drums and containers in storage rooms that are specially designed for this purpose. All of the transport is done in road vehicles.



# Safety Management

## SAFETY AT FREY + LAU GMBH

Our safety management is integrated into the management system already established at FREY&LAU in compliance with pharmaceutical law regulations. For us, that means:

- that we continuously check to what extent raw materials with fewer potentially hazardous properties can be used for existing and new products
- that we examine the substance data and chemical properties of the substances and analyze whether hazards could arise in the event of malfunctions or operational disruptions
- that we identify all exposure hazards and take the necessary precautionary and protective measures
- that we optimize the production processes in order to identify all hazards in advance and minimize their probability of occurrence.



# Safety Report

## SAFETY AT FREY + LAU GMBH

In compliance with the legal requirements of the Major Accidents Ordinance, a safety report is prepared for our operating plant, which can also be viewed by our neighbors. The report describes the technical and organizational precautionary and protective measures we take. Fire hazards have been identified as the major hazard. However, the fumes and fire gases that would be produced in the case of a fire do not contain any hazardous secondary products. Virtually all of our systems and equipment are equipped with automatic fire extinguishing systems as a fire prevention measure. In addition, we have coordinated all the organizational and technical measures at the site with the Henstedt-Ulzburg fire department, to ensure that firefighting operations can be carried out in the most efficient and optimal manner.





# Important Information

## 1. How will I be alerted?

- **Radio Announcements!**
- Current situation reports and rules of conduct are announced via Warning apps:

1. NINA App
2. KATWARN App

→ These apps can be installed e.g. via smartphone.

- Do not block emergency fire department and police telephone lines.
- **Public Address Announcements**  
The police and fire department will provide you with information about Das Ereignis
  - the incident
  - any specific actions you should take
  - firefighting operations under way
  - when the incident has been resolved and the "all clear" sign has been given.

## 2. How can I tell if there is danger?

## 3. What should I do first?

- Look for closed rooms or spaces to stay in to protect yourself from fumes, fire gases and/or effects from explosions.
- Yell to alert neighbors and anyone else in the area.
- Alert and pick up anyone passing by.
- Always follow the instructions given by the emergency and rescue services!

## 4. What else can I do?

- Go to a higher floor, since the gases are usually heavier than air and remain on the ground.
- Avoid any open fire (do not smoke) due to the risk of explosion!
- If you smell smoke from the fire, put a wet cloth over your mouth and nose to avoid inhaling any fumes or fire gases.

## 5. Close windows and doors!

- Close all windows and doors. Shut off fans and air conditioning/ventilation systems.
- Do the same if you are in a vehicle.

## 6. Do not block emergency exits and escape routes!

- Do not take any actions on your own.
- Do not escape by car or on foot. The transport routes and paths must remain clear for the emergency service personnel.

# Important Information

## SUBSTANCES USED AT OUR PLANT

Approximately 3,000 different substances are used in our production processes, and about 400 of them are regulated by the Major Accidents Ordinance. The majority of these are flammable liquids and environmentally hazardous substances. The main groups of hazardous substances are listed below, together with their symbols for easy identification.



### Acute Toxicity Substances

Avoid all contact with the human body, since there is an acute risk to health and these substances can also be fatal and result in death. Example: Allyl caproate.



### Flammable and Extremely Flammable Liquids

Keep away from open flames, sparks and sources of heat, because fires can easily occur. Example: ethanol.



### Environmental Hazard

These substances are hazardous to plants, animals – especially aquatic organisms – the ground, soil and water. This hazard also often occurs in conjunction with one of the substances mentioned above, e.g. alcohol C10.

### Other substance categories not subject to the Major Accidents Ordinance:



### Sensitizing and CMR (Carcinogenicity, Mutagenicity, Reproductive Toxicity) Substances

Avoid contact with the human body, because these substances may endanger health if used improperly. With certain substances, a carcinogenic, mutagenic or teratogenic (reproductive toxicity) effect cannot be completely ruled out. Example: Cinnamon oil.



### Corrosives or Irritants to Skin or Eyes

Avoid contact with the human body, since these substances may cause damage to the eyes or skin. Do not breathe in fumes. Example: Thyme oil

# *If you have any questions:*

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For more information about our safety precautions and environmental protection measures, please call the following phone number:

**+49(0)4193-995-424**


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