

## Instruction leaflet – direct injection – cold – drums, barrels, IBC

### Disposal facility: HTI Hamburg - Delivery conditions

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The below is to communicate to you our delivery conditions for the acceptance of waste at

HTI Hamburg (direct injection)

in order to ensure delivery processes are simple and rapid.

The delivery form is laid out in a binding manner in the offer or certificate of disposal/notification and is oriented by the properties, composition and quantity of waste, as well as the technical capabilities of the plant. It is thus imperative that it be complied with.

The waste must correspond in its entirety to the information provided to us (safety data sheets, descriptions, photos, analyses, etc.). Deviations may be invoiced with costs. Further rights remain reserved

If deviations from the delivery form are unavoidable, please urgently get in touch with your sales contact before delivery. For all other questions on waste disposal, our sales contacts are also available to you. The individual material streams must each be delivered with their own disposal certificates and/or notifications.

Delivery is to be made to AVG Hamburg

**Delivery dates** are to be reported in advance to the scheduling department:

Phone: 0049 - 40 - 733 51-0                      Email: Disposition@avg-hamburg.de  
Fax: 0049 - 40 - 732 51 64

Delivery hours (incl. unloading time):      Mo – Th      from 7:00 a.m. to 5:00 p.m.  
Fr                      from 7:00 a.m. to 2:00 p.m.

You should note on the registration form whether empty IBC containers are to be returned or disposed of (at cost). In addition, the approval number must be given on registration or in the registration form and entered on the accompanying certificate in the box “free for notes” or with notifications on the M/T form.

In addition, our General terms and conditions (version of: 01.06.2022) and the leaflets in the version valid on the date of delivery apply (the documents can be found on our website [www.indaver.de](http://www.indaver.de) under “Service”). If necessary, you can always request documents to be sent.

## 1. Definition

Waste for direct injection within the meaning of this information leaflet is liquid waste from industry, commerce, collection and hazardous substance collection that cannot be disposed of in AVG tank farm due to its chemical properties.

## 2. Delivery form

- IBC/ASF containers, barrels ( $\geq 200$  l)
- The following criteria apply in the event of delivery in IBC/ASF containers or barrels:
- IBC/ASF containers and barrels must be tightly closed, clean on the outside, intact, approved and suitable for the contents. The size of the bung hole must be greater than 5 cm.
- Every IBC/ASF container and every barrel must be clearly, visibly and permanently labelled with the following information
  - Producer
  - Waste type/approval No.
  - Notification No.
  - EWC code
  - Hazardous substance labelling as per GHS/CLP
  - Correct ADR labels
- Any extraneous lettering or inapplicable hazard labels are to be removed
- The barrels are to be delivered on fully intact, stable, standard wooden pallets. Secure adequately to ensure hazard-free unloading and handling. Stacked height max. 1m. Barrels cannot be delivered in ASP containers.
- Only barrels of the same size and notification No. may be assembled on each pallet.
- The delivery must be made using vehicles that allow hazard-free unloading by forklift (no delivery in roll-off containers or skips)
- For technical reasons, rolling hoop drums and barrels with side bungs cannot be accepted. Exceptions can be made in individual cases with prior agreement

## 3. Criteria for waste for direct injection

Viscosity:	max. 200 mPas at delivery temperature
Maximum delivery temperature:	30°C
Sediment content:	max. 0.1 Wt. %
Particle size:	max. 3 mm
Density:	< 1.2 g/cm <sup>3</sup>

The composition of the waste must correspond to the details of the questionnaire or the safety data sheets submitted to us.

## Basic chemical qualities

If not otherwise agreed in the offer/certificate of disposal, the following basic qualities apply (parameters not listed must be queried separately):

• Chlorine:	< 2	Wt.%
• Bromine:	< 0.2	Wt.%
• Iodine:	< 0.01	Wt.%
• Fluorine:	< 0.1	Wt.%
• Sulphur:	< 1	Wt.%
• Phosphorus:	< 1	Wt.%
• Mercury:	< 50	mg/kg
• Arsenic, cadmium, thallium (total)	< 100	mg/kg
• Heavy metals (total) (Ni, Cu, Te, Se, Sb, Be, Pb, Cr, Sn, V)	< 0.5	Wt.%
• Zinc:	< 1	Wt.%
• Molybdenum:	< 500	mg/kg
• Sodium/potassium/lithium/magnesium (total)	< 5	Wt.%
• Org. Silicium:	< 0.3	Wt.%
• Evaporation residues	< 10	Wt.%
• PCB and PCT (as per DIN)	< 10	mg/kg

## Special details

The delivery of waste/materials containing the following substances/with the following properties requires our express approval (regardless of the above basic qualities):

- Waste subject to the POP Regulation
- Waste subject to other legal requirements (e.g. CWC, narcotics law, regulation on animal-by products)
- PCB-containing waste (> 10 mg/kg as per DIN)
- Note: At AVG we work with ABEK masks. Please get in touch if a different airway protection filter is needed for your waste.
- Substances with an ignition temperature < 200 °C (temperature class T4)

#### 4. Excluded substances

- Radioactive waste and waste that has radiation level higher than the background radiation
- Explosives and substances at risk of explosion
- Substances with an ignition temperature < 135 °C (temperature class T5, T6)
- Self-igniting substances