

# BF<sub>3</sub>-Complexes

## Products & Applications



**HARKE**  
BaseChem



BaseChem

### YOUR BENEFITS

- ▶ Innovative accelerators or hardeners for epoxy resin systems
- ▶ Excellent polymerization initiators
- ▶ Versatile reagent and catalysts for fine chemical production
- ▶ Dopant in the semiconductor industry

ONE PARTNER. ONE RESPONSIBILITY.





PRODUCTS

## BF<sub>3</sub>-COMPLEX

HARKE Chemicals offers a portfolio of adapted BF<sub>3</sub>-Complexes that are used as accelerators or hardeners in epoxy resin systems, as polymerization initiator, catalyst for synthetic rubber or dopant in the semiconductor industry. Other types of BF<sub>3</sub>-Complexes as well as customized supply chain and packaging solutions can be made upon request.

BF<sub>3</sub>-Complexes are normally liquids or solids that are easier to handle than the high-pressure gas form of BF<sub>3</sub>. Using a complex form of BF<sub>3</sub> helps to release it under preferred conditions.

BF <sub>3</sub> -Complex		
Product	Chemical Name	CAS Number
BF <sub>3</sub> MEA	Boron Trifluoride Monoethylamine Complex	75-23-0
BF <sub>3</sub> Benzylamine	Boron Trifluoride Benzylamine Complex	696-99-1
BF <sub>3</sub> IPA	Boron Trifluoride Isopropylamine Complex	3776-04-3
BF <sub>3</sub> Diethyl Etherate	Boron Trifluoride Diethyl Ether Complex	109-63-7
BF <sub>3</sub> Dibutyl Etherate	Boron Trifluoride Dibutyl Etherate Complex	593-04-4



APPLICATIONS

Our adapted BF<sub>3</sub>-Complexes are mainly used in the semiconductor industry, organic synthesis and epoxy resin systems.

