



## **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





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

HARKE Chemicals offers a portfolio of adapted  $BF_3$ -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  $BF_3$ -Complexes as well as customized supply chain and packaging solutions can be made upon request.

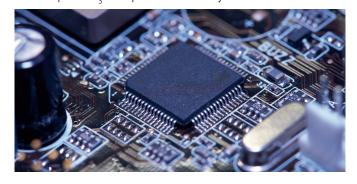
 $BF_3$ -Complexes are normally liquids or solids that are easier to handle than the high-pressure gas form of  $BF_3$ . Using a complex form of  $BF_3$  helps to release it under preffered conditions.

BF <sub>3</sub> -Complex		
Product	Chemical Name	CAS Number
BF3 MEA	Boron Trifluoride Monoethylamine Complex	75-23-0
BF3 Benzylamine	Boron Trifluoride Benzylamine Complex	696-99-1
BF3 IPA	Boron Trifluoride Isopropylamine Complex	3776-04-3
BF3 Diethyl Etherate	Boron Trifluoride Diethyl Ether Complex	109-63-7
BF3 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.





**HARKE GROUP** 







