



TIBCHEMICALS

Company Presentation



- 01 Short overview
- 02 History
- 03 Turnover
- 04 Business Units
- 05 Products & applications
- 06 Research & Development
- 07 Quality Management
- 08 Advantage over competitors
- 09 Sites

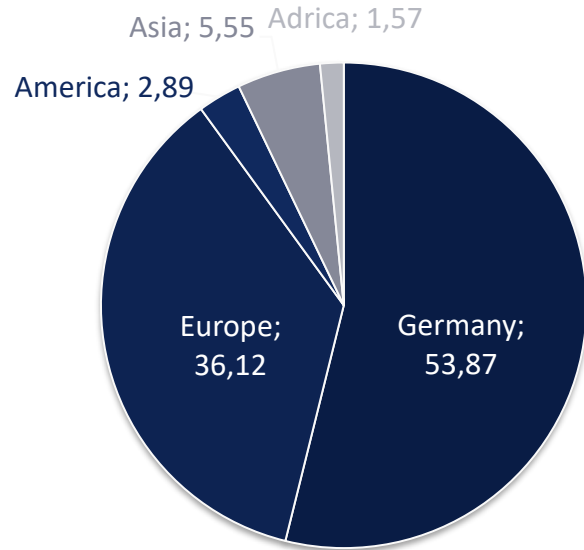
TIB Chemicals AG – Chemicals with added value

- ⬡ Since more than 150 years TIB Chemicals manufacture high quality products in several production sites and market these worldwide.
- ⬡ The infrastructural site of Mannheim is enable the uncomplicated and ready transport on road, sea and railway.
- ⬡ Products of TIB are to be found in oil production, petro-, automotive- and food industry plus in many fields of daily life.
- ⬡ TIB Chemicals use progressive recycling processes in business units to make limited resources available for production.
- ⬡ TIB Chemicals with approx. 450 staff works every day with sense of responsibility, know-how and customer focus to be a global partner for chemistry.

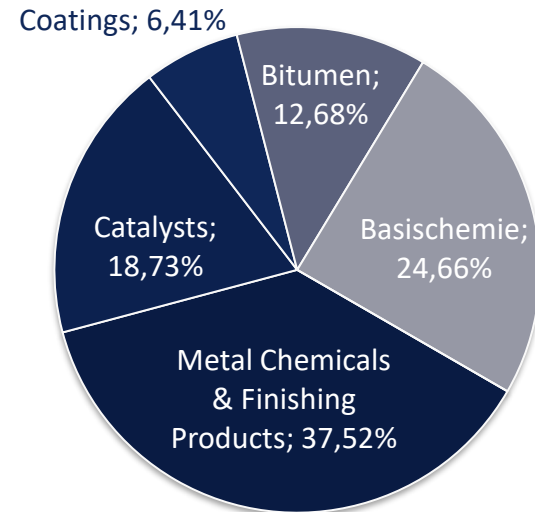
History



Turnover 2022 by regions



Shares of turnover 2022



BUSINESS UNITS

TIB CHEMICALS



 **Recycling**



05 | Basic Chemicals



Basic Chemicals

Products

- ⬡ Sulphuric acid
- ⬡ Hydrochloric acid
- ⬡ Ammonium thiosulphate
- ⬡ Ammonium bisulphite
- ⬡ Sodium thiosulphate
- ⬡ Sulfides

Applications

- ⬡ Chemical industry
- ⬡ Metal industry
- ⬡ Food industry
- ⬡ Water and wastewater treatment
- ⬡ Agro industry
- ⬡ Pulp- and paper industry
- ⬡ Crude oil industry
- ⬡ Derived timber industry
- ⬡ Photo industry
- ⬡ Leather industry

Basic Chemicals - Examples for fields of application





05 | Coating Systems



Coating Systems

Products

- ❖ Corrosion protection systems & coating systems
- ❖ PROTEGOL®
corrosion protection based on
 - Polyurethane
 - Epoxy resin

Applications

- ❖ Pipeline industry
oil, gas, water
- ❖ Fittings, formed components & construction of tanks

PROTEGOL® - Examples for fields of application





05

MOC

Metal Chemicals &
Finishing products



MOC – Metal Chemicals & Finishing products

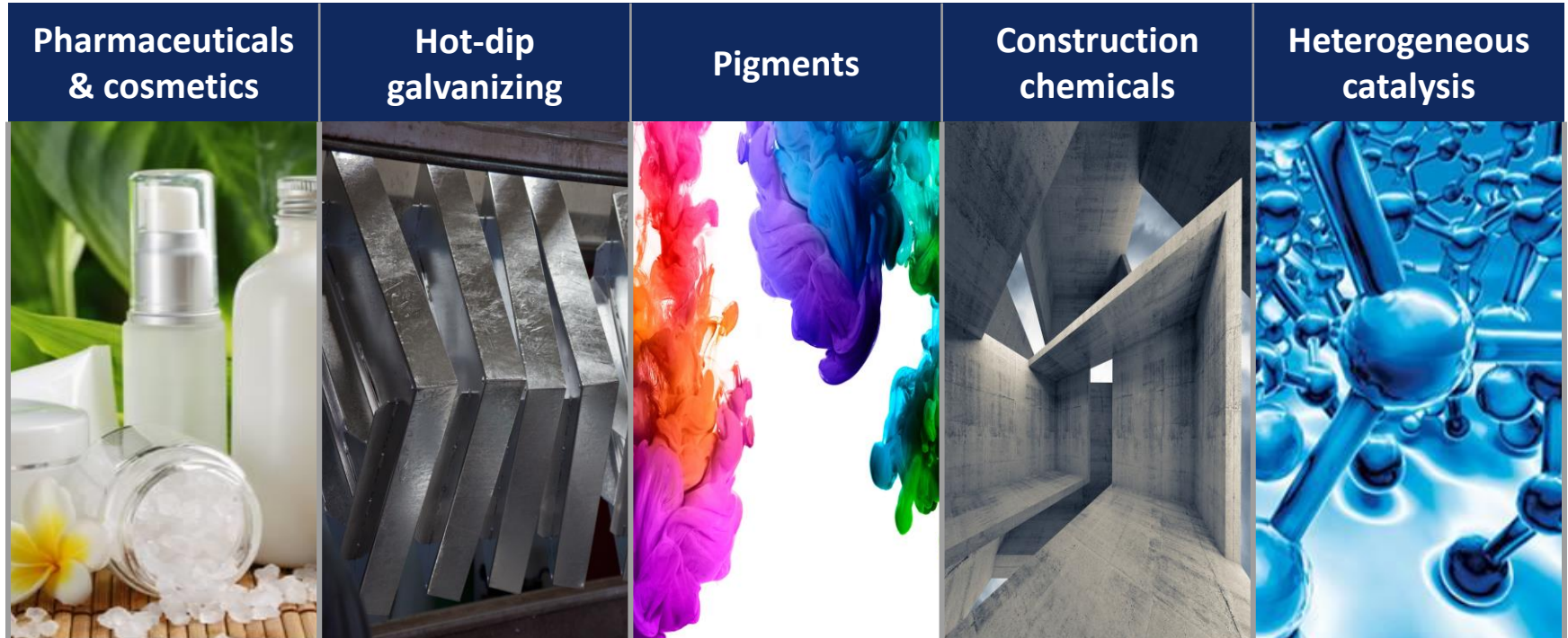
Products

- ⬡ Copper chemicals
- ⬡ Nickel chemicals
- ⬡ Tin chemicals
- ⬡ Zinc chemicals
- ⬡ Organic chemicals
- ⬡ Other specialities

Applications

- ⬡ Surface treatment
 - Electronics
 - Hot-dip galvanising
 - Electroplating
- ⬡ Heterogeneous catalysis
- ⬡ Pharmaceuticals & cosmetics
- ⬡ Pigments & ceramics
- ⬡ Automotive
- ⬡ Construction chemicals

MOC - Examples for fields of application





05 | Catalysts



Catalysts & Process Additives

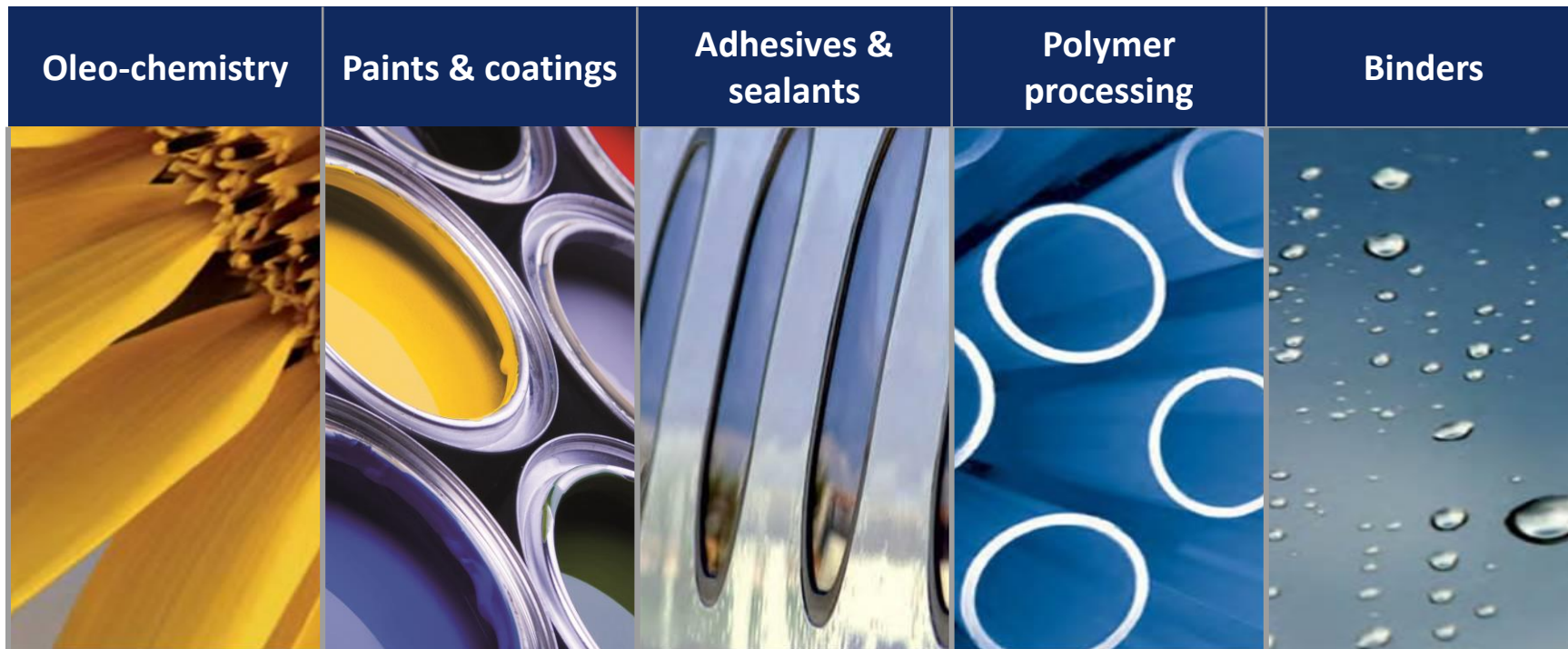
Products

- ⬡ Inorganic tin catalysts
- ⬡ Organotin catalysts
- ⬡ Metal catalysts
(zinc, bismuth, etc.)
- ⬡ Sulphonic acid catalysts

Applications

- ⬡ Adhesives & Sealants
- ⬡ RTV-silicones, silan-terminated/modified
polymers, polyurethane etc.
- ⬡ Paints & coatings
- ⬡ Powder coating, polyurethane etc.
- ⬡ Binders
- ⬡ Production of alkyd resin, saturated & non-
saturated polyester
- ⬡ Pharmaceutical applications

TIB KAT® - Examples for fields of application





05 | Bitumen



Bitumen

Products

- ⬡ Toll manufacturing for multinational petroleum companies
- ⬡ REINAU®- Casting compounds
- ⬡ REINAU®- Sealing compounds
- ⬡ REINAU®- Filling compounds
- ⬡ Special bitumen / Heavy-duty bitumen (PRODODIN®)

Applications

- ⬡ Road construction
- ⬡ Highway repairs
- ⬡ Railway construction
- ⬡ Sealing sheetings
- ⬡ Sealing compounds for concrete and asphalt joints, rail joints and pavement sealing
- ⬡ Heavy-duty bitumen for road-, airport-, rubber applications, sealants

Bitumen - Examples for fields of application





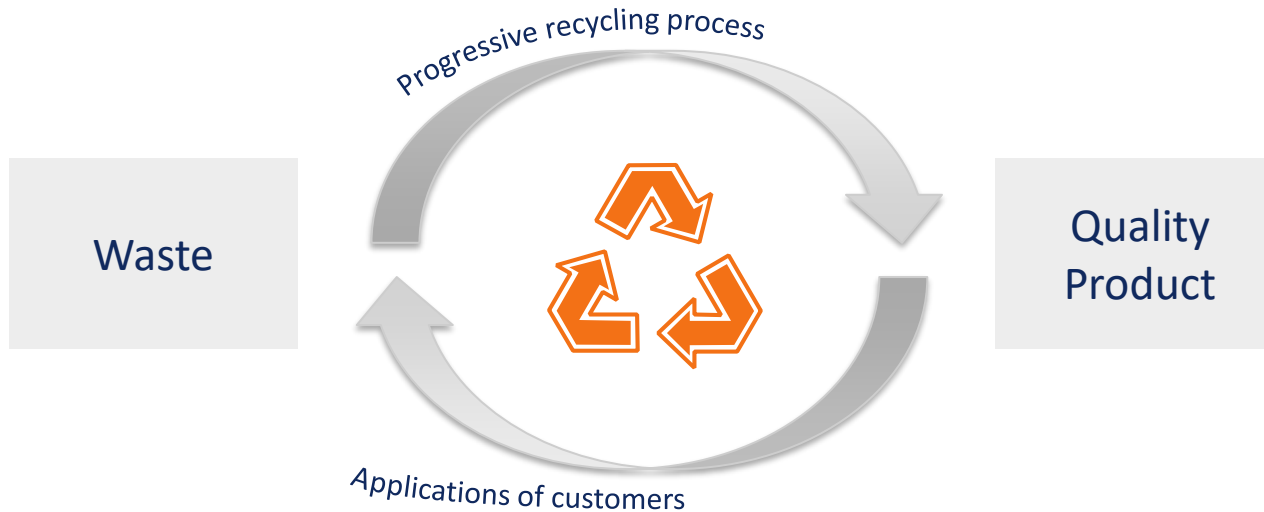
Sustainability is central part of the corporate culture. With preserve resources and minimize climate-wrecking emissions in mind producing. The indispensable cornerstone of corporate policy is the responsibility of environment and get help to TIB Chemicals to check constant the compliance with regulations and measurement for themselves.

CHEMISTRY WITH ADDED VALUE – RECYCLING Management

As a certified recycler, TIB Chemicals redeems waste from clients to produce new high-quality products.

TIB Chemicals offers an environmentally safe, legal-friendly, resources-saving, and a one-stop ideal solution based on a region-wide network of recycling units.

TIB Chemicals use progressive recycling processes to make limited resources like **copper, nickel, tin and zinc** available for production.



Waste code by AVV

Zinc:

- ⬡ Zinc pickling solution– AVV 11 01 05*
- ⬡ Rinsing fluids – AVV 11 01 11*
- ⬡ Used flux– AVV 11 05 04*
- ⬡ Filter dust
AVV 10 05 03* AVV 11 05 03* AVV 10 05 05*
- ⬡ Ash AVV 11 05 02
- ⬡ Filter cake- AVV 11 01 09*
- ⬡ Used Zinc chloride solution – AVV 16 10 01*
- ⬡ Zinc sludge – AVV 11 01 09*
- ⬡ Flux sludge– AVV 11 01 09*

Copper:

- ⬡ Copper etching solution – AVV 11 01 05*

Iron:

- ⬡ Steel pickling solutions– AVV 11 01 05*
- ⬡ Rinsing fluids– AVV 11 01 11*
- ⬡ Iron sludge – AVV 11 01 09*

Tin:

- ⬡ Tin stripper – AVV 11 01 05*

Others:

- ⬡ Degreasing – AVV 11 01 13*
- ⬡ Degreasing sludge – AVV 11 01 09*



06

Research & Development



Research & Development

- ⬡ On TIB Chemicals 7% of staff are working for R&D and they providing high quality products.
- ⬡ Low toxic catalysts for sealant and adhesive applications
- ⬡ Chrom VI substitute for galvanizing
- ⬡ New sulphur additive for oilfield applications
- ⬡ High resistant pipeline coatings based on epoxy resin
- ⬡ Environmentally friendly coatings with drinking water approval





07

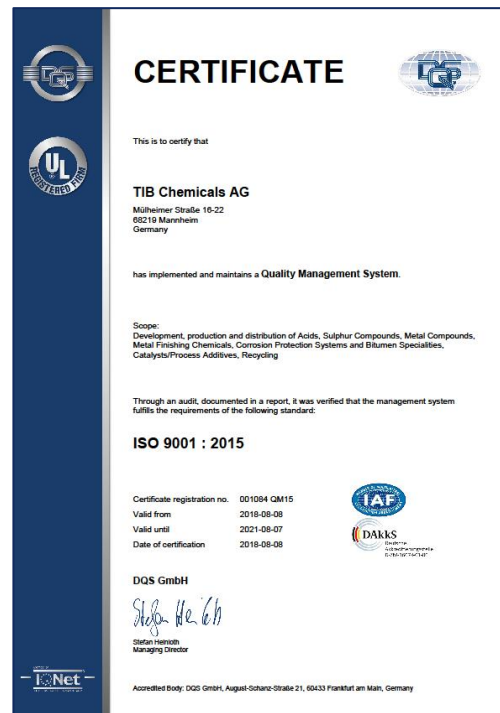
Quality Management



Quality Management

-  At TIB Chemicals, we employ a centrally run management system for the global management structures necessary to guarantee responsible entrepreneurial actions and conduct.

-  With this central tool, we have created a transparent system of values and rules that bind the management and all staff.



Mannheim Site
Certified according to
DIN EN ISO 9001

Mexico Site

Certified according to

ISO 9001

American Registrar of Management Systems®

Certifica que el Sistema de Gestión de Calidad Establecido en:
TIB CHEMICALS S.A. DE C.V.
Carretera 1300 S/N, Cd. Zona Industrial, C.P. 72000 San Luis Potosí, S.L.P., México

Cumple con:
ISO 9001:2015
AF 12 QUÍMICOS, PRODUCTOS QUÍMICOS Y FIBRAS NAUF 02013

El alcance de esta certificación incluye:
Fabricación, comercialización y distribución de sales metálicas y aditivos químicos para la industria

Para el control de la certificación:

ISO 9001
AF 12 QUÍMICOS, PRODUCTOS QUÍMICOS Y FIBRAS NAUF 02013
Punto de contacto:
Argenteo: TIB 07 711 4362
Punto de contacto:
SAB 06 2020
Correo electrónico: certificacion@armanet.com

AF 12 QUÍMICOS, PRODUCTOS QUÍMICOS Y FIBRAS NAUF 02013
Punto de contacto:
Argenteo: TIB 07 711 4362
Punto de contacto:
SAB 06 2020
Correo electrónico: certificacion@armanet.com

OHSAS 18001

American Registrar of Management Systems®

Certifica que el Sistema de Gestión de Seguridad y Salud en el Trabajo Establecido en:
TIB CHEMICALS S.A. DE C.V.
Carretera 1300 S/N, Cd. Zona Industrial, C.P. 72000 San Luis Potosí, S.L.P., México

Cumple con:
BS OHSAS 18001:2007
AF 12 QUÍMICOS, PRODUCTOS QUÍMICOS Y FIBRAS NAUF 02013

El alcance de esta certificación incluye:
Fabricación, comercialización y distribución de sales metálicas y aditivos químicos para la industria

Para el control de la certificación:

BS OHSAS 18001
AF 12 QUÍMICOS, PRODUCTOS QUÍMICOS Y FIBRAS NAUF 02013
Punto de contacto:
Argenteo: TIB 07 711 4362
Punto de contacto:
SAB 06 2020
Correo electrónico: certificacion@armanet.com

AF 12 QUÍMICOS, PRODUCTOS QUÍMICOS Y FIBRAS NAUF 02013
Punto de contacto:
Argenteo: TIB 07 711 4362
Punto de contacto:
SAB 06 2020
Correo electrónico: certificacion@armanet.com

ISO 14001

American Registrar of Management Systems®

Certifica que el Sistema de Gestión Ambiental establecido en:
TIB CHEMICALS S.A. DE C.V.
Carretera 1300 S/N, Cd. Zona Industrial, C.P. 72000 San Luis Potosí, S.L.P., México

Cumple con:
ISO 14001:2015
AF 12 QUÍMICOS, PRODUCTOS QUÍMICOS Y FIBRAS NAUF 02013

El alcance de esta certificación incluye:
Fabricación, comercialización y distribución de sales metálicas y aditivos químicos para la industria

Para el control de la certificación:

ISO 14001
AF 12 QUÍMICOS, PRODUCTOS QUÍMICOS Y FIBRAS NAUF 02013
Punto de contacto:
Argenteo: TIB 07 711 4362
Punto de contacto:
SAB 06 2020
Correo electrónico: certificacion@armanet.com

AF 12 QUÍMICOS, PRODUCTOS QUÍMICOS Y FIBRAS NAUF 02013
Punto de contacto:
Argenteo: TIB 07 711 4362
Punto de contacto:
SAB 06 2020
Correo electrónico: certificacion@armanet.com



08 | Advantage over competitors



Advantage over competitors

- ⬡ Customer-related product development
- ⬡ Strong assistance to customers in special applications
- ⬡ Research & development department
- ⬡ Excellent infrastructure (our own Rhine port, railway and highway connection)
- ⬡ Cost efficient energy and raw material sourcing
- ⬡ Reliability of supply and flexibility
- ⬡ Highest standards regarding safety , quality and environmental protection
- ⬡ Flexibles structures of a mid-sized company
- ⬡ Medium- and long term strategy rather than short-term profit
- ⬡ Stable financial basis

Sites



TIB Chemicals AG – Mannheim Site



**TIBChemCorp Mexicana S. A. de C. V. –
Factory Mexico**

**TIB Chemicals Corp.
USA**



TIB Chemicals AG

Mülheimer Straße 16 - 22

68219 Mannheim

Postfach 81 02 20

68202 Mannheim

Tel.: +49 621 8901-0

Fax: +49 621 8901-900

E-Mail: info@tib-chemicals.com

www.tib-chemicals.com