CECA, a leading specialty chemicals manufacturer, provides a wide range of solutions to filter, enhance, formulate and purify your products on markets as varied as food processing, road construction, the oil industry, electronics, coatings and health care. Its inventive chemistry assists you in your developments and boosts your performance.

CECA is committed to developing long-term partnerships with its customers by offering tailor-made solutions for their core needs.
For more than 60 years, CECA has manufactured and commercialized additives for the construction and maintenance of roads, with leading positions on three product lines.

A full offer of products and services for the road industry

**Asphalt emulsifiers**
- Dinoram® and Emulsamine® for rapid-setting (CRS):
  - Emulsification of most bitumen sources.
  - Sharp and controlled breaking.
  - Excellent adhesion.
- Polyram® and Stabiram® for medium and slow-setting (CMS, CSS):
  - Good coating on a wide range of aggregates.
  - Control of mixing and curing times.
  - Optimised dosage and cost.
- Process additives:
  thixotropic agents, breaking control additives, interface adhesion promoters…

**Warm mix additives**
The Cecabase RT® surfactants help improve the workability of asphalt mixes; a 40°C (70°F) temperature reduction can be achieved during the production and laying of such mixes, without loss of mechanical performances.

**Adhesion promoters**
Cecabase® antistripping agents substantially improve the cohesion between bitumen and aggregates.

**Cecabase RT®: the reference for warm mix asphalt**
- Technology invented and patented by CECA.
- First field jobs in 2004.
- International recognition: IRF prize, ICIS prize, Potter Prize…
- Several million tons of WMA paved each year, in more than 50 countries.

Most of CECA asphalt additives are biosourced at more than 60%.
CECA, specialist and leader for the road industry

A trusted expertise

Innovation
- Team of dedicated researchers specializing in asphalt emulsions and mixes.
- Two application laboratories, for technical assistance and product development.
- World-class laboratories for chemical synthesis and analytical evaluation, including a dedicated pilot plant for scale-up.
- Integrated to the R&D of Arkema, recognized since 2012 as one of the top 100 most innovative companies in the world (Thomson Reuters).
- Rewarded with the ICIS Innovation Award « for greener roads ».

On average, about 3 % of the CECA bitumen range is refreshed each year.

Health, safety, environment
- Leading role for the registration of road chemicals under the REACH regulation, and for the setup of exposure scenarios of the additives with the national road associations.
- Direct customer support on such topics like REACH, classification & labelling (CLP), transportation regulations (ADR) etc.

The CECA approach is based on information, explanation and prevention; CECA is fully committed to the long term sustainable use of asphalt additives.

Technical support
The CECA technical and commercial team helps you at every stage of your project:

Definition of specifications
- Discussion of requirements
- Setup of specific tests

Laboratory study
- Synthesis of additives
- Mix design and performance control

Field trials
- Follow-up of industrial trial
- Quality control of the products

Industrial production
- Mix design optimization
- Troubleshooting
- Training
A reliable partner

 Operational excellence
- Manufacturer of a full range of specialty fatty amines and alcoxylates.
- Production plants certified ISO 9001 / 14001 / OHSAS 18001, and close to the main seaports.
- High level of active matter in the additives.
- Samples of every batch kept after production.

 Reliable deliveries
- A unique logistic offer: multi-bulk trucks, delivery of very small quantities...
- Average delivery time under 4 days in Europe.
- More than 98 % of deliveries made on time.

 A global reach
- Dedicated technical and commercial network.
- Partnerships with reference regional players.
- Global service offer with custom-tailored products.

97 % of our customers are satisfied and recommend CECA to their partners.
(based on a INIT study with more than 150 answers)
CECA reference emulsifiers and asphalt additives

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- **Dinoram**
  - Dinoram® S
  - Dinoram® SLB

- **Polyram**
  - Polyram® S
  - Polyram® L80
  - Polyram® L9x0

- **Stabiram**
  - Stabiram® MS6
  - Stabiram® MS8
  - Stabiram® 4582

- **Emulsamine**
  - Emulsamine® L60

- **Cecabase**
  - Cecabase® 200
  - Cecabase® RT

The Arkema product range for road construction also includes:

- Polymers for bitumen modification, Evatane® EVA and Lotader® reactive elastomer terpolymer
- Polyphosphoric acid
- Viscodis® rheology additives
- Oleris® bio-based additives and fluxents
- Encor® acrylic emulsions for road marking and industrial coating
- Luperox® peroxides for crosslinking