

# Mining Solutions

## Product Range

Imagine enhancing your recovery of scarce,  
valuable mineral resources



 **BASF**

We create chemistry

Product	Description
<b>Alamine®/ Aliquat®</b>	A range of high-purity, water-insoluble amines used to extract, recover and/or purify metals such as uranium, vanadium and molybdenum.
<b>Alclar®</b>	The Alclar® range is specific to the alumina industry and includes flocculants for use in thickeners, washers, super-thickeners, hydrate thickeners and green liquor filtration. Products also include dewatering aids and crystal growth modifiers.
<b>Alcotac®</b>	Organic binders used to agglomerate a wide variety of mineral substrates. For example the Alcotac® CS and the Alcotac® FE range is specific to iron ore pelletisation as a full or partial replacement for bentonite. The Alcotac® DS trade name is also applied to a range of universal dust suppressants.
<b>Solutrix™</b>	Polymeric dispersants, rheology modifiers, scale inhibitors and desclatants for use in a wide variety of mineral processing systems.
<b>Drimax®</b>	Highly effective surface active agents specifically designed to reduce the moisture content of filter cakes and centrifuge solids.
<b>LIX®</b>	The LIX® range consists of solvent extraction reagents that form water insoluble complexes with various metallic cations. LIX® reagents are used for the extraction of metals such as copper, germanium, molybdenum, nickel and palladium.
<b>Lupromin®</b>	Specialized collector formulations used as additives or stand-alone collectors in various processes involving recovery of phosphates, coal and industry minerals. Frother formulations applicable in a broad range of applications such as copper, iron ore and coal flotation.
<b>Purification Clays</b>	A range of acid activated clays specifically developed to facilitate the removal of polar contaminants from the organic phase in solvent extraction.
<b>Magnafloc®</b>	A range of synthetic flocculants and coagulants designed for a wide variety of mineral processing applications: e.g. thickening, clarification, filtration and centrifugation.
<b>Rheomax®</b>	Combines a range of advanced flocculants (Rheomax® DR) and an innovative approach to Tailings Management (Rheomax® ETD) to provide novel solutions to the mining industry's pain points. In particular, challenges that relate to the use and recovery of water, process optimization, improved recovery of metals or minerals, minimization of land footprint and faster rehabilitation of that land.
<b>Customer Engineering Solutions</b>	Equipment is available for storage, mixing, dosing and process control for a wide range of applications and, if desired, a complete turnkey operation to ensure optimization of process efficiencies.
<b>Digital Mining Solutions</b>	BASF Intelligent Mine powered by IntelliSense.io-making mining operations efficient, sustainable and safe through the combination of unique chemical and process expertise and trusted artificial intelligence solutions.

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