

# Mining Solutions

## Product Range



Imagine enhancing your recovery of scarce,  
valuable mineral resources

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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>Antiprex®</b>	Polymeric dispersants, rheology modifiers, scale inhibitors and descalants 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>Magnasol®</b>	Flocculants and coagulants available as liquids or in a solid block form that are ideally suited for remote locations where electricity is not available and hence can eliminate the need for reagent make-up equipment.
<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.

## Europe

### BASF plc

Cleckheaton Road  
Low Moor, Bradford  
BD12 0JZ  
Great Britain  
Phone: +44 1274 417 000  
Fax: +44 1274 606 499

## North America

### BASF Corporation

3231 E Valencia Road  
Tucson, AZ 85706  
US  
Phone: +1 520 622 8891  
Fax: +1 520 624 0912

## South America

### BASF CHILE S.A.

Av. Carrascal N° 3851  
Quinta Normal  
Santiago  
Chile  
Phone: +56 2 2640 7000  
Fax: +56 2 775 3095

## Africa

### BASF South Africa (Pty) Ltd.

852 Sixteenth Road  
Midrand, P.O. Box 2801  
Halfway House 1685  
South Africa  
Phone: +27 11 203 2400  
Fax: +27 11 203 2431

## Australia

### BASF Australia Ltd.

Level 12, 28 Freshwater Place  
VIC 3006, Southbank  
Australia  
Phone: +613 8855 6600  
Fax: +613 8855 6511

For further information:

[miningsolutions@basf.com](mailto:miningsolutions@basf.com)

[www.mining-solutions.basf.com](http://www.mining-solutions.basf.com)

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