PRODUCT-INFORMATION

1. Product Name

MECHANO-LUBE® 6D1

2. Product description

Water based Boron Nitride dispersion. MECHANO-LUBE® 6D1 is formulated to allow dilution without degrading performance and is often used for dipping parts and to form a relatively hard coating just on drying. Thus, MECHANO-LUBE® 6D1 is typically selected for applications that require a harder surface (i.e., components that move while in contact with molten metal).

3. Applications

- Aluminum, Magnesium casting
- Brass casting
- Production of self lubricating coatings
- Mold releasing agent, bras, steel, aluminum
- Stainless steel

4. Properties:

- Totally protects surfaces from molten metal and its splash
- For all manual and automatic spraying systems (air-spraying and airless) and dipping or painting
- Heat resistance
- Corrosion resistant
- High stability
- Compatible with most water based dispersions
- No heavy metals or phosphates
- Nonflammable, safe to use, safe to store
- Ready dilutable to any level
- No foam
- Odorless
- VOC and APEO free

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PRODUCT-INFORMATION

5. Technical data:

Property	Specification	Unit
Solid content	30,0	Wt. %
Carrier	water	
Diluent	water	
Ionogenity	Slightly anionic	
Density	1,10	g/ml
pH	10,0	

6. Dilution and storage

MECHANO-LUBE$^{®}$ 6D1 is supplied as a concentrate and can normally be diluted with ordinary tap water prior ready to use.

7. Storage

The product should not be exposed to direct sun. Shelf life under normal storage conditions 9 month. MECHANO-LUBE$^{®}$ 1M3 should be stored in a cool dry place.

Service

It is our commitment to provide the best service. Our technical staff will be happy to serve you.

Information provided on this technical data sheet indicates the approximate physical and chemical properties of the material. No warranty is made either expressed or implied regarding the accuracy or the results to be obtained from the use of such information.