



bioform & biogrind

environmentally-safe, water based coolants and lubricants

technical information

Color:	pale green
pH:	9.5-10.3
Odor:	mild/pleasant
Flash point:	none
Boiling point:	200°F
Vapor Pressure:	17.0MM
Vapor Density:	.62
Weight per gallon:	8.3
Evaporation rate:	.7

Toxicity:	None
Arsenic:	None
Boron:	None
Caustic:	None
Chlorine:	None
Creosol:	None
Enzymes:	
Proteolytic	None
Lipolytic	None
Amylolytic	None
Nitrate	None
Nitrite	None
NTA	None
Petroleum Solvent:	None
Phenol:	None
Phosphates:	None
Sulfates:	None
Halogen:	None

A breakthrough in industrial cooling and lubrication, **bioform** and **biogrind** are a proprietary formulation of colloids and other ingredients that work effectively without environmental risk.

features & benefits: unique characteristics of **bioform** and **biogrind** make them superior coolants and lubricants for most industrial applications. These characteristics include:

- chemically "basic" product is bioresistant to bacteria growth which eliminates the need for expensive additives
- superior lubricity at shear point extends tool life
- contains no petroleum so they will not age plastic or make it brittle
- will not functionally or dimensionally change seals or "O" rings
- emulsifies dirt which helps keep work areas clean
- removes metal fines quickly before embedding
- conductivity resistant, reducing flash rust and prolonging life of the bath

Various formulations of these products make them suitable for the following industrial applications, among others:

- CNC machining
- rollforming
- stamping
- drawing
- blanking
- grinding
- tapping/drilling

environmentally-safe: **biogrind** and **bioform** are water-based, environmentally-friendly and worker-friendly. They pose no risk to the environment or to employees (see Material Safety Data Sheet).

- These products are completely biodegradable and can be discharged direct to municipal waste treatment facilities (in their original state).
- Eliminates "Monday morning" start up odor.

economical: **bioform** and **biogrind** are competitively-priced coolants and lubricants, made even more cost-effective by eliminating the need to buy expensive additives to prevent bacteria growth.

Call us to talk about putting bioform and biogrind to work on your equipment.

biosolutions