



Product	Type
---------	------

## **EZ-MULZ™ 500**

## **Metal Processing**

**Natural high molecular weight sodium sulfonate**

### **Application**

EZ-Mulz 500 is an oil-soluble high molecular weight natural sodium sulfonate. It is suitable for emulsifying naphthenic oils with aniline point of 150 - 190° F and most paraffinic oils.

Because EZ-Mulz 500 has a low HLB value, its oleophilic nature combined with its affinity with metal surfaces make EZ-Mulz 500 an excellent corrosion inhibitor.

EZ-Mulz 500 is a good wetting and dispersant agent for pigments. It is useful in formulating drawing compounds, rust preventives and corrosion inhibitors and as an ore flotation agent.

### **Typical Properties**

Test	Typical
Appearance	Dark brown, highly viscous liquid
Specific gravity at 15.6° C	1.0
Average molecular weight	520
Active content, wt. %	60
Water, wt. %	4.5

### **Benefits**

- High polarity and affinity with metal surfaces
- Superior corrosion protection compared to synthetic medium molecular weight sodium sulfonates
- Good wetting and dispersant agent
- Reduces surface tension

### **Typical Use Rates**

EZ-Mulz 500 should be used 1.0 to 10.0 wt. % of the finished soluble oil. It is compatible with most mineral base oils, white oils and synthetic base stock.

## Storage and Handling

Recommended Maximum Long Term Storage Temperature*	< 200° F
Recommended Minimum Temperature for Use	170 -180° F
Flash Point	172°C COC

\*Do not store with excessive heat (>150° F) over long periods.



**Lockhart Chemical Company**  
4302 James P Cole Boulevard Flint, MI 48505  
Phone: 1-810-789-8330 Fax: 1-810-789-3266  
[www.lockhartchem.com](http://www.lockhartchem.com)  
email: [customerservice@lockhartchem.com](mailto:customerservice@lockhartchem.com)

**DISCLAIMER:** To the best of our knowledge, the information and recommendations contained herein are accurate. However, this information and recommendations are furnished without any warranty, representation or license of any kind. Users of our products are encouraged to run their own tests to ensure product fitness for their applications. Furthermore, users assume sole liability for any patent infringement that occurs by reason of following our recommendations or using the information given

EZ-Mulz is a Trademark of the Lockhart Chemical Company

11/12/2017