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TECHNICAL DATA SHEET

**H-560**

Oil soluble spreader

**CAS:17955-88-3**

**DESCRIPTION**

**H-560** Oil soluble spreader is an alkyl modified trisiloxane, that may provide enhanced spreading properties to agricultural oils. The increased spreading on foliar surfaces may improve the coverage of oils, thereby allowing for a more efficient use and delivery of oil-based pesticide formulations.

**H-560** oil soluble spreader is insoluble in water, but the alkyl modification makes this product compatible with most organ oils.

**TYPICAL PROPERTIES**

Appearance	Colorless and clear liquid
Viscosity (cst)	3-5
Density	0.830-0850
Flash point	110°C
Solubleness	insoluble in water

**Typical Benefits:**

- \* Superspreader for many oil based agricultural formulations
- \* Oil compatible
- \* Low pour point
- \*Lowers the surface tension of oils for better surface coverage/penetration

**USES AND APPLICATION**

Recommended use levels are between 3-10%, based on the oil content of the "in-can" formulation. Such use levels deliver between 0.03%-0.1% of **H-560** oil soluble spreader in the spray tank application. For examples, if a summer oil (mineral oil) contains 5% **H-560** oil soluble spreader, and is applied at 1%,this will deliver 0.05% **H-560** oil soluble spreader to the spray tank.

Addition of 5% **H-560** oil soluble spreader to either mineral oil or methylsoyate may significantly increase the spread area relative to these oils alone, as illustrated in Figure 1.This increase in spreading properties can be quite significant since it enables better

coverage and effective delivery of many oil-based pesticide formulations using lower spray application volumes.

### **SAFETY**

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

### **STORAGE AND SHELF LIFE**

After sealing packaging products stored in a cool, dry place , **H-560** has a shelf life of 36 months from date of manufacture.

### **PACKAGING**

**H-560** is available in 200L drum and 1000L IBC or others.

### **LEGAL DISCLAIMER**

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