

SuperAllMist 2000 *Minimal Quantity Lubricant (MQL)*

FEATURES

- Biodegradable
- Chlorine Free Extreme Pressure Technology
- Excellent for Most Materials
- Non-Hazardous, Non-Toxic
- Non-Irritating
- Suitable for Various Mist Systems
- Superior Lubricity Package
- Very High Flashpoint

GENERAL DESCRIPTION

SuperAllMist 2000 is the first choice for spray mist to MQL applications and is ideal for general machining of all metals and non-traditional materials. The EP properties produce excellent results over a broad range of manufacturing conditions. This product satisfies some of the most demanding MQL manufacturing operations. This unique veggie ester is amine free and safe on all materials while providing the best finishes and tool life on aluminum, and steel to stainless steel.

APPLICATIONS

Primary		Secondary
Burnishing	Milling	Grinding
Drilling	Sawing	Reaming
Light Machining	Turning	Stamping

MATERIALS

Primary			Secondary
Aluminum	Ferrous	Precious Metals	Ceramic
Carbon Steel	Iron, Cast / Ductile	Stainless Steel	Glass
Chromium Alloys	Molybdenum	Steel	Magnesium
Copper	Powdered Metals	Titanium	Zinc

INSTRUCTIONS

SuperAllMist 2000 is used as is or thinned with Hard Cut NG series. For stamping, forming or shearing and other applications the SuperAllMist 2000 can be sprayed, brushed or rolled on to the material or the tooling.

Cleaning: For best results, Hangsterfer's recommends the use of non-ozone-depleting solvents for removal of the SuperAllMist products. Hangsterfer's offers it's environmentally friendly line of cleaners, the Ozonic series and VS series, to help with the removal of the SuperAllMist compounds.

MAINTENANCE

When in use, SuperAllMist products should be kept free of metal particulate, solvents, water and cleaners, which may interfere with the performance of the products. If thinning any of the SuperAllMist products for a specific application, we recommend the Hard Cut NG series. The use of mineral spirits, kerosene or thinners is not recommended. All products should be stored in a sealed container, in a cool, dry place.

PRODUCT CHARACTERISTICS

Product Name: SuperAllMist 2000	
Form	Liquid
Color	Golden
Odor	Mild
Specific Gravity	0.92
Viscosity: SUS @ 100°F	177
cSt @ 40°C	37
Flash Point, COC, °F/°C	640/338
Fire Point, COC, °F/°C	658/348
Pour Point, °F/°C	Not Determined
Solubility in Water	Insoluble
Boiling Point, °F/°C	Not Determined
Vapor Pressure, mm Hg @ 25°	<0.01
pH @ 10%	N/A
Chlorine	0%

WASTE TREATMENT

While Hangsterfer's oils resist contamination and degradation, contamination may require the oil to be disposed. In the normal use of oils, tramp oils enter the system which may change the disposal procedures. Dispose of in accordance with local, state, federal and international laws. As with most used cutting oils, they can be refined or used in energy recovery systems.

SHIPPING UNITS

All Hangsterfer's products are available in pails, drums and Intermediate Bulk Containers (275 or 330 gallons). All products are distributed worldwide.

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