

## PRODUCT DATA SHEET

**PRODUCT NAME: Technical White Oil**

**CODE: FF140 TWO**

### Registered H1 for incidental food contact

FF140 TWO is refined technical white mineral oil developed to provide safe, clean light lubrication and protection for food machinery. FF140 TWO is registered with the INS H1 and meets the former USDA H1 (1998) requirements and contains only ingredients which are permitted under **US FDA Title 21 CFR 178.3570, 178.3620** and/or those generally regarded as safe (**US 21 CFR 182**) for use in food grade lubricants.

FF140 TWO is ideal for use through standard oil cans, brushing on or drip feed applications. Ideal for preventing corrosion in wet working environments.

### Typical applications

FF140 TWO Technical White Oil may be used as a light lubricant in food processing plants and pharmaceutical manufacturing plants where an H1 lubricant is required.

### TYPICAL PHYSICAL CHARACTERISTICS

Appearance:	Clear Oil
Colour:	Colourless
Kinematic Viscosity (ASTM D445) @ 40°C:	68.6
Viscosity SUS @ 100°F:	180
Specific Gravity (ASTM D1298) @ 15°C:	0.870
Flash Point (ASTM D92) °C:	188
Pour Point (ASTM D97) °C:	-23
Colour (Saybolt):	30+
Odour:	Nil
Taste:	Nil
UV Absorbance	
240-280nm – conc 1% 1cm cell:	0.04
Unsulphanated Residue:	99 – Pass

Made only from substances permitted under the **US FDA Title 21 CFR 178.3570, 178.3620** and/or those generally regarded as safe (**US 21 CFR 182**) for use in food grade lubricants.

To comply with the requirements of **US 21 CFR 178.3570**, contact with food should be avoided where possible. In the case of incidental food contact, the concentration of this product in the food must not exceed 10 parts per million (10mg/kg of foodstuff). In locations and/or applications where local legislation does not specify maximum concentration limits, it is recommended that this same 10 ppm limit be observed, as up to this concentration FF140 TWO Technical White Oil will not impart undesirable taste, odour or colour to food, nor will cause adverse health effects.

Consistent with good manufacturing practice, use only the minimum amount necessary to achieve desired lubrication result and take appropriate corrective action should excessive incidental contact with food be detected.

**LIMITED WARRANTY** MDS Europe Ltd makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in MDS Europe Ltd. materials and workmanship. This limited Express Warranty is in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of MDS Europe Ltd. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and MDS Europe Ltd. shall not be liable for incidental or consequential damages..

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