



## PRODUCT DATA SHEET

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# NP BANANA SPRAY OIL

### GENERAL

NP Banana Spray Oil (BSO) is a colourless, odourless and tasteless oil. It is used in agricultural, medicinal and cosmetic applications because of its purity. The low phytotoxicity, chemically inertness and lack of nitrogen, sulphur and oxygenated aromatic hydrocarbons make BSO the preferred component of products applied to agricultural and ornamental plants. BSO is a mixture of saturated paraffinic and naphthenic hydrocarbons that has a viscosity range of 2.6 - 2.9cSt @ 100°C. They also contain Vitamin E, a natural antioxidant to protect quality during handling and storage.

### MAINLY USED IN FOLLOWING APPLICATIONS:

- *Where there is direct contact with food.*
- *Where prolonged contact with human skin is necessary.*
- *Where odour and staining must be minimized.*
- *Where outstanding long service under adverse condition is required.*

### PERFORMANCE SPECIFICATIONS

- *Meets all US pharmacopeia (USP) for mineral oils*
- *Meets all Cosmetic, Toiletry and Fragrance Association (CFTA)*
- *Meets all Canadian Food Inspection Agency (CFIA) requirements*
- *For direct use in food: 21CFR 172.878*
- *For applications where incidental food contact may occur: 21 CFR 178.3570*
- *For use in animal feed: 21 CFR 573.680*
- *For use as technical white oils: 21 CFR 178.3620(b)*
- *For use as a plasticizer in polymeric substances: 21 CFR 178.3740*
- *Acceptable as lubricants where incidental food contact may occur (H1)*
- *Acceptable in and around food processing areas and as a release agent where direct food contact may occur (3H)*
- *Certified Kosher, Pareve and Halal.*
- *Certified by National Sanitation Foundation (NSF)*



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	ASTM METHOD	
ISO Viscosity Grade		15
Kinematic Viscosity @ 40 °C, cSt	D445	10
Kinematic Viscosity @ 100 °C, cSt	D445	2.60
Viscosity Index	D2270	92
Specific Gravity @1/25 °C	4052	31.6 0.864
Flash Point, °C	D92	177
Pour Point, °C	D5950	-33
Colour, Saybolt	D156	28
21 CFR 178.3620 (b)	FDA	PASS

### HEALTH AND SAFETY

NP Banana spray oil is unlikely to pose any health or safety hazards when used in the recommended applications, provided good standards of personal and industrial hygiene are observed. Please refer to Material Safety Data Sheet (MSDS) for further information.

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