

No-Tox[®] Food Grade Process Oil

PRODUCT DESCRIPTION

Bel-Ray[®] No-Tox[®] Food Grade Process Oil is a high purity, white mineral oil formulated for use in food, beverage, pharmaceutical, and other clean manufacturing environments where direct food contact may occur. Manufactured from highly refined white oils, this process oil is colorless, odorless, tasteless, and chemically stable to provide excellent performance in a wide range of industrial applications.

Bel-Ray No-Tox Food Grade Process Oil is designed for use as a processing aid, lubricant, protective coating, release agent, and general-purpose food grade oil where a non-staining, non-toxic lubricant is required. Its excellent oxidation stability and resistance to degradation help extend service life while maintaining product integrity and equipment cleanliness.



Nonfood Compounds
Program Listed H1, 3H
ISO 21469 Certified

This product provides outstanding mold release, lubricity, moisture resistance, and corrosion protection for equipment operating in demanding processing environments. The highly refined formulation minimizes deposit formation and supports consistent performance across varying operating temperatures.

Bel-Ray No-Tox Food Grade Process Oil is suitable for use in applications requiring NSF registered lubricants for both incidental food contact (NSF H1) and direct food contact (NSF 3H), and it is formulated to meet the requirements of FDA 21 CFR 178.3620(a) and 172.878 for white mineral oils.

PRODUCT FEATURES and BENEFITS

- Suitable for use where direct, intended contact with food products may occur
- High purity white mineral oil formulation for food processing applications
- Colorless, odorless, and tasteless composition minimizes impact to finished products
- Exceptional non-staining mold release performance helps maintain clean equipment and reduce cleanup requirements
- Provides excellent water resistance and corrosion protection
- Excellent oxidation stability reduces deposit formation

APPLICATIONS

Bel-Ray No-Tox Food Grade Process Oils are recommended for use in applications requiring NSF H1 registered oils for incidental food contact and for NSF 3H registered oils for direct, intended contact with food products. These products can be used as release agents to prevent adhesion during processing and can applied directly to surfaces that contact food. The applications include grinders, cutters, pans, and cutting boards.

DISTRIBUTED BY:

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SPECIFICATIONS and APPROVALS

- NSF H1 registered for incidental contact with food products
- NSF 3H registered for direct, intended contact with food products
- Meets FDA 21 CFR 178.3620(a) requirements for white mineral oils
- Meets FDA 21 CFR 172.878 requirements for white mineral oils
- Halal certified
- Kosher certified

PRODUCT DATA

Typical Properties				
Property	Test Method	15	32	68
Density @ 15°C (g/mL)	ASTM D4052	0.852	0.865	0.870
Viscosity @ 40°C (cSt)	ASTM D445	16.0	35.2	68.4
Viscosity @ 100°C (cSt)	ASTM D445	3.7	5.7	8.8
Viscosity Index	ASTM D2270	119	101	101
Pour Point, °C (°F)	ASTM D97	-18 (0)	-18 (0)	-15 (5)
Color		Water-White	Water-White	Water-White

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com