



# Material Safety Data Sheet

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Section I. Chemical Product and Company Identification			
Product Name/ Trade Name	<b>FORMULA 440</b>	Product ID No.	365436A; 365436B; 365436C; 365436D; 365436E; 365436F
Supplier	<b>JBT FOODTECH 1622 FIRST STREET SANDUSKY, OHIO 44870 USA</b>	Emergency Telephone	In the event of a chemical spill, release, poisoning or exposure, Call 3E Company, Inc.: 800-451-8346 (North America) 001 760-602-8897 International
Synonym(s)	None	Non-Emergency Contact	JBT PHONE: 800-433-6320 JBT FAX: 507-645-9664
Chemical Family	Polyalphaolefin blend		
Chemical Formula	Mixture		
Material Uses	Food-grade lubricant		

Section II. Composition and Information on Ingredients			
Name	PEL/TLV, Source	CAS #	% by Weight
PROPRIETARY FORMULA.	5 mg/m <sup>3</sup> (oil mist), OSHA	Mixture	100.0
LC <sub>50</sub> , LD <sub>50</sub> of Ingredients	Not available		

Section III. Hazards Identification	
<b>Emergency Overview</b>	Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
<b>Potential Health Effects:</b>	
<b>Eye Contact</b>	May cause slight irritation and redness.
<b>Skin Contact</b>	Prolonged or repeated skin contact may cause mild irritation. Not expected to be harmful to internal organs if absorbed through the skin. High-Pressure Equipment information: Accidental high-velocity injection under the skin of materials of this type may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first, but if left untreated, could result in disfigurement or amputation of the affected part.
<b>Ingestion</b>	Ingestion may cause irritation of the digestive tract. Aspiration into lungs can cause pneumonitis, which can be fatal.
<b>Inhalation</b>	Vapor inhalation under ambient temperature conditions is not normally a problem. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended oil mist exposure limit.

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**Section VIII. Exposure Controls and Personal Protection**

<b>Respiratory Protection</b>	Use respiratory protection if needed to keep airborne levels below recommended mineral oil mist exposure limits.
<b>Ventilation</b>	Use in a well-ventilated area. See Engineering Controls.
<b>Protective Gloves</b>	Any lined non-permeable rubber gloves.
<b>Eye Protection</b>	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
<b>Personal Hygiene</b>	Wash skin thoroughly after contact, before breaks and meals and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
<b>Engineering Controls</b>	If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended mineral oil mist exposure limits.
<b>Exposure Limit</b>	5 mg/m <sup>3</sup> (oil mist) OSHA, for total product; see Section II for component exposure limit(s).

**Section IX. Physical and Chemical Properties**

<b>Appearance/Odor</b>	Water white colored lube oil with little or no odor	<b>Vapor Pressure</b>	Not available
<b>Odor Threshold</b>	Not available	<b>Vapor Density</b>	Not available
<b>Specific Gravity</b>	Not available	<b>Percent Volatile</b>	0.0
<b>Density</b>	Not available	<b>Evaporation Rate</b>	Not available
<b>pH</b>	Not available	<b>Solubility in Water</b>	Nil
<b>Boiling Point</b>	Not available	<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>Freezing/Melting Point</b>	Not available	<b>Physical State</b>	Liquid

**Section X. Stability and Reactivity Data**

<b>Stability</b>	Stable under normal temperatures and pressures.
<b>Conditions of Reactivity</b>	Not available
<b>Conditions and Materials to Avoid</b>	Avoid contact with heat, open flames, and oxidizing agents.
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

**Section XI. Toxicological Information**

<b>Routes of Entry</b>	Dermal contact, eye contact, inhalation, ingestion.	<b>Ingestion</b>	Not available
<b>Toxicity to Animals</b>	Not available	<b>Inhalation</b>	Not available
<b>Effects of Acute Exposure</b>	Not available	<b>Toxically Synergistic Products</b>	Not available
<b>Acute Effects of Sensitization</b>	Not available		
<b>Chronic Effects on Humans:</b>			
<b>Carcinogenic Effects</b>	This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4].		
<b>Mutagenic Effects</b>	No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard.		

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**Section XI. Toxicological Information (cont'd)**

<b>Teratogenic Effects</b>	No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.
<b>Reproductive Effects</b>	No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.

**Section XII. Ecological Information**

<b>Ecotoxicity</b>	There is no data available on the adverse effects of this material on the environment.
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**Section XIII. Disposal Considerations**

<b>Waste Disposal</b>	Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply with federal, state and local regulations.
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**Section XIV. Transportation Information**

<b>I.A.T.A. Air Transportation:</b>		<b>U.S. D.O.T. Ground Transportation:</b>	
<b>Shipping Name</b>	None	<b>Shipping Name</b>	Not regulated
<b>Hazard Class</b>	None		
<b>UN Number</b>	None		
<b>Packing Group</b>	Not applicable	<b>U.S. D.O.T. Remarks</b>	The above U.S. D.O.T. information applies to shipping BY GROUND ONLY.
<b>I.A.T.A. Remarks</b>	None		

**Section XV. Regulatory Information**

<b>U.S. Federal Regulations:</b>	
<b>CERCLA</b>	Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4 : None
<b>SARA (Section 313)</b>	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: None
<b>SARA Extremely Hazardous List</b>	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None
<b>TSCA Inventory</b>	All components of this material are on the U.S. TSCA Inventory.
<b>California Prop. 65</b>	This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm: None

**International Regulations:**

<b>Canada</b>	All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this MSDS contains all the information required by CPR.
<b>Japan MITI</b>	Not available
<b>Australia</b>	Not available
<b>Switzerland</b>	Not available

**Section XVI. Other Information**

<b>Approval Date</b>	7/13/2010
<b>Supersedes Date</b>	10/9/2008
<b>Sections Revised Since Last Version</b>	New MSDS format

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