

# Material Safety Data Sheet

Approval Date 10/14/2014 Supersedes Date 10/13/2014

Section I. Chemical Product and Company Identification				
Product Name/ Trade Name	FORMULA 568FG RED	Product 365550A-RED ID No.		
Supplier	JBT FOODTECH 1622 FIRST STREET SANDUSKY, OHIO 44870 USA	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		
Chemical Family	Polyalphaolefin blend	JBT PHONE: 800-408-7788 JBT FAX: 507-645-9664		
Chemical Formula	Mixture	•		
Material Uses	Food-grade lubricant			

Name	PEL/TLV, Source	CAS#	% by Weigh
ROPRIETARY FORMULA.			
ynthetic lubricating base oil	5 mg/m³ (oil mist), OSHA	Proprietary	70-90

LC <sub>50</sub> , LD <sub>50</sub> of Ingredients	Not available

Section III. Hazards Identification				
Emergency Overview	Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be			

minimized.

**Potential Health Effects:** 

**Eye Contact** May cause slight irritation and redness.

Skin Contact 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.

Ingestion Ingestion may cause irritation of the digestive tract. Aspiration into lungs can cause pneumonitis, which can be fatal.

Inhalation 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.

# Continued on Next Page

FORMULA 568FG RED PAGE 2 OF 4

Section III. Hazards Identification (cont'd)

HMIS Code Health: 1 Fire: 1 Physical Hazard: 0 HAZARD RATINGS

O Minimal Hazard 3 Serious Hazard
A Source Hazard
A Source Hazard
A Source Hazard

1 Slight Hazard 4 Severe Hazard 2 Moderate Hazard

Section IV. First Aid Measures

Eye Contact Remove contact lenses, if worn, and and flush eyes with water. If irritation persists, consult a physician.

Skin Contact Remove clothing and shoes if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse

and discard oil-soaked shoes. If irritation persists, consult a physician.

**Ingestion** If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention.

Never give anything by mouth to an unconscious person. Consult a physician.

Inhalation If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if coughing or

respiratory discomfort occurs.

## Section V. Fire and Explosion Data

Autoignition Temperature Not available

**Flash Point** 478°F (248°C), ASTM D 92

Flammable Limits (Approx.) LOWER Flammable Limit: Not available UPPER Flammable Limit: Not available

**Explosion Hazards** See Lower and Upper Flammable Limits

**Products of Combustion** Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

Fire Fighting Media and Instructions

Dry chemical, alcohol foam, and carbon dioxide type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on the size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists. The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's Fire Protection Guide on Hazardous Materials. Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for men attempting to stop a leak. Water spray may be used to flush spills away from explosives. Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Special Remarks -Fire and Explosion Hazards For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. Leaks/ruptures in high-pressure systems using materials of this type can create a fire hazard when in the vicinity of ignition sources (open flame, pilot lights, sparks or electric arcs).

#### Section VI. Accidental Release Measures

Release or Spill Recover free product. Add sand, earth, or other suitable absorbent material to the spill area. Minimize breathing vapors.

Minimize skin contact. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding.

Advise authorities if the product has entered or may enter sewers, watercourse, or extensive land areas.

Environmental Impact Report spills as required to the appropriate authorities. U.S Coast Guard Regulations require immediate reporting of spills that

could reach any waterway including intermittent dry creeks. Report spill to the Coast Guard toll-free number 800-424-8802.

## Section VII. Handling and Storage

Handling Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force.

"Empty" containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition as they may explode and can cause

injury or death. Empty container should be promptly returned to a drum reconditioner.

Storage Do not use in high-pressure systems in the vicinity of flames, sparks and hot surfaces. Keep container closed. Do not store near

heat, sparks, open flame, pilot lights, static electricty, or where temperature may exceed 120°F (49°C).

#### Continued on Next Page

**FORMULA 568FG RED** PAGE 3 OF 4

Section VIII. Exposure Controls and Personal Protection

Use respiratory protection if needed to keep airborne levels below recommended mineral oil mist exposure limits. **Respiratory Protection** 

Use in a well-ventilated area. See Engineering Controls. Ventilation

Any lined non-permeable rubber gloves. **Protective Gloves** 

**Eve Protection** Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.

Wash skin thoroughly after contact, before breaks and meals and at end of work period. Product is readily removed from skin by **Personal Hygiene** 

waterless hand cleaners followed by washing thoroughly with soap and water.

If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control **Engineering Controls** 

airborne levels below the recommended mineral oil mist exposure limits.

**Exposure Limit** 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

Orange-colored lube oil with little or no odor Not available Appearance/Odor Vapor Pressure

> Vapor Density Not available

**Percent Volatile** Nil **Odor Threshold** Not available

**Evaporation Rate** Not available **Specific Gravity** 0.84 (typical)

Not available Solubility in Water Density

Not available Coefficient of Water/Oil Not available pН

**Boiling Point** Not available

Liquid **Physical State** Freezing/Melting Point Not available

Section X. Stability and Reactivity Data

Stability Stable under normal temperatures and pressures.

**Conditions of Reactivity** Not available

**Conditions and Materials** Avoid contact with heat, open flames, and oxidizing agents. to Avoid

Hazardous Polymerization Hazardous polymerization will not occur.

Hazardous Decomposition Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

Distribution

Section XI. Toxicological Information

Dermal contact, eye contact, inhalation, ingestion. **Routes of Entry** Ingestion Not available **Toxicity to Animals** Not available Inhalation Not available Effects of Acute Exposure Not available **Toxically Synergistic** Not available

**Acute Effects of** Not available

Sensitization

**Products** 

**Chronic Effects on Humans:** 

Carcinogenic Effects This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4].

**Products** 

**Mutagenic Effects** No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard.

Continued on Next Page

FORMULA 568FG RED PAGE 4 OF 4

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

Teratogenic Effects No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.

Reproductive Effects No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.

## Section XII. Ecological Information

**Ecotoxicity**There is no data available on the adverse effects of this material on the environment.

## Section XIII. Disposal Considerations

Waste Disposal Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply wtih federal,

state and local regulations.

#### Section XIV. Transportation Information

U.S. D.O.T.

Shipping Name: Not regulated

UN Number: None
Hazard Class: None
Packing Group: None
Remarks None

## Section XV. Regulatory Information

**U.S. Federal Regulations:** 

CERCLA 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

SARA (Section 313) This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:

None

SARA Extremely

This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List:

Hazardous List

**TSCA Inventory** All components of this material are on the U.S. TSCA Inventory.

California Prop. 65 This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive

harm: None

International Regulations:

Canada 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.

Japan MITI Not available
Australia Not available
Switzerland Not available

## Section XVI. Other Information

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Sections Revised Since Last Version None

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