



# Bel-Ray Company, Inc.

## Material Safety Data Sheet

9770

**BEL-RAY SILICONE DOT 5 BRAKE FLUID**

### **SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Bel-Ray Company, Inc.  
P.O. Box 526  
Farmingdale, NJ 07727  
Main telephone: 732-938-2421  
E-mail: belray@belray.com  
Fax: 732-938-4232

#### **Emergency telephone number for accident or spill:**

CHEMTREC 800-424-9300

**Product Name:** BEL-RAY SILICONE DOT 5 BRAKE FLUID  
**Chemical Name:** Mixture  
**Chemical Family:** Largely silicone fluids  
**Preparation Date:** 06/23/00

#### **EMERGENCY OVERVIEW:**

Blue liquid.

Thermal decomposition will generate carbon dioxide, carbon monoxide gases, smoke or possibly metal oxide fumes.

### **SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

*The specific identity of the ingredients listed in this section is being withheld because they are protected as trade secret information.*

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### **SECTION 3 - HAZARDS IDENTIFICATION**

**Eye Contact:** Sustained contact with product in the eye may cause irritation.

**Skin Contact:** None during normal usage. Prolonged skin contact may cause redness or irritation.

**Inhalation:** Inhalation of product may cause irritation of the mucous membranes and respiratory tract.

**Ingestion:** Not an expected route of exposure. Ingestion may cause abdominal pain, nausea and vomiting.

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**SECTION 4 - FIRST AID MEASURES**

<b>Eye Contact:</b>	Flush eyes for 15 minutes with large amounts of water, while keeping the eyelids open. Seek medical attention if irritation persists.
<b>Skin Contact:</b>	Wash skin thoroughly with mild soap and water. Flush with luke-warm water for 15 minutes. Seek medical attention if irritation persists.
<b>Inhalation:</b>	Remove victim from contaminated area. Optional: Give mouth-to-mouth breathing and/or CPR, if needed. Oxygen can be given under a doctor's orders.
<b>Ingestion:</b>	If ingested in significant amount, DO NOT induce vomiting; call a physician immediately.
<b>Note to Physician:</b>	Treat symptomatically.

**Medical Conditions**

**Aggravated by Exposure:** None known.

**SECTION 5 - FIRE FIGHTING MEASURES**

<b>Flash Point:</b>	402 F.
<b>Lower Flammable Limit:</b>	Not determined.
<b>Lower Flammable Limit:</b>	Not determined.
<b>Auto Ignition Temperature:</b>	Not determined.
<b>Extinguishing Media:</b>	Foam, carbon dioxide(CO <sub>2</sub> ), dry chemical, or water fog.
<b>Unusual Fire Hazards:</b>	None.
<b>Firefighting Procedures:</b>	Use self-contained breathing apparatus (SCBA). Do not enter fire area without proper protection. Fight fire from safe distance.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Releases:** In case of a spill, vacuum, scoop or shovel up spilled material. Place spilled material into covered container for disposal. Dispose of according to applicable local, state and federal regulations.

**SECTION 7 - HANDLING AND STORAGE**

Use the recommended personal protective equipment. Do not eat, drink, smoke or apply make-up when using this material. Wash hands after using this material and before entering non-work areas or handling food or applying cosmetics. Do not use tobacco products in the immediate area.

Store in a cool area, keeping material packaged in original containers. Protect from overheating, sparks and flames.

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>ACGIH Threshold Limit Value (8 hr. time weighted average):</b>	Not determined.
<b>OSHA Permissible Exposure Limit: (8 hr. time weighted average):</b>	Not determined.
<b>Bel-Ray Recommended Exposure Limit: (8 hr. time weighted average):</b>	5 mg/m <sup>3</sup> (for oil mist in air).
<b>Engineering controls:</b> <u>Ventilation requirements:</u>	Not necessary under normal conditions of use.
<b>Personal Protective Equipment:</b> <u>Respiratory Protection:</u>	None required under normal use conditions. Enclosed areas or large quantities may require respiratory protection.
<u>Eye and Face Protection:</u>	ANSI Z-87 approved safety glasses with side shields or equivalent chemical splash goggles.
<u>Skin Protection:</u>	Oil proof or oil resistant gloves.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Blue liquid.
<b>Odor:</b>	Odorless.
<b>Boiling Point:</b>	Not applicable.
<b>Specific Gravity:</b>	0.958.
<b>Solubility in Water:</b>	Insoluble.
<b>Vapor Pressure:</b>	Not applicable.

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Stability:</b>	This material is stable.
<b>Reactivity:</b>	This material is not reactive.
<b>Conditions to Avoid:</b>	Avoid contact with heat, flames and sources of ignition.
<b>Incompatibility/:</b>	
<b>Materials to Avoid:</b>	Strong oxidizing agents: liquid chlorine, hydrogen peroxide, concentrated oxygen, sodium hypochlorite, calcium hypochlorite.
<b>Hazardous Decomposition Products:</b>	Silica and oxides of carbon.

**SECTION 11 - TOXICOLOGY INFORMATION**

No toxicology data is available for this material. However, similar materials have not exhibited acute toxicological effects.

**Carcinogenicity:** Not listed by OSHA, NTP or IARC.

**SECTION 12 - ECOTOXICOLOGY INFORMATION**

No ecotoxicological information is available for this material.

**SECTION 13 - DISPOSAL INFORMATION**

**Waste Disposal:** Material, as supplied, is not a U.S. EPA hazardous waste. Some states may regulate the disposal of petroleum and petroleum products. Material can be incinerated (DO NOT incinerate aerosol cans). Processing, use or contamination may make this information inaccurate or incomplete.

**SECTION 14 - TRANSPORTATION INFORMATION**

**Shipping Class:** Not Regulated.

**SECTION 15 - REGULATORY INFORMATION**

**TSCA Status:** All components of this mixture are listed on the Toxic Substances Control Act (TSCA) Section 8 (b) Chemical Inventory.

**SARA Section 313:** None listed.

**SARA Section 311/312:**

Acute: No.  
 Chronic: No.  
 Fire: No.  
 Reactivity: No.  
 Sudden Release of Pressure: No.

**NFPA Ratings**

Health: 1  
 Fire: 1  
 Reactivity: 0

Guide to NFPA Ratings
0 = Insignificant
1 = Slight
2 = Moderate
3 = High
4 = Extreme

**Food Grade Rating:** Not a USDA Food Grade Product.

**Kosher Certification:** Certified Kosher by Tablet K.



Customers are reminded to check their state list of hazardous chemicals for proper disclosure and reporting of chemical substances.

**SECTION 16 - OTHER**

**Original Issue:** 05/17/99  
**Date Revised:** 06/23/00  
**Revision Number:** 1  
**Reason for Revision:** Change in Section 16

**Prepared By:** Fran Weigandt.  
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The above information is accurate to the best of our knowledge. However, since data, safety standards and governmental regulations are subject to change, and the conditions of handling and use or misuse are beyond our control, BEL-RAY COMPANY, INC. makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Users should satisfy themselves that they have all the current data relevant to a particular use.

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