SILICONE BRAKE FLUID AJ331 -MIL-PRF-46176B - Product Code: J-1705	
AJ Chemicals Lubricants & Equipment Co. 2100 E. State Street EXT HAMILTON NJ 08619	Emergency Telephone Number (804) 737-8707 Date Prepared JAN 01, 2010
Section 1. Product Identification M	MIL-PRF-46176B QPL-SBF-1017
Chemicals Name(s) of Primary Component( Polydimethylsiloxane	(s) <u>CAS Number(s)</u> <u>Chemical Formula</u> 63148-62-9
Section 2. Ingredients/Summary of Hazards	International Shipping : Code:EAR 99
Ingredient(s) Polydimethylsiloxane Proprietary Formula  CAS Number(s) 63148-62-9	OSHA Hazardous (H)/  Non-Hazardous (NH)  NH
SARA Title III Hazard Classification: (x) Immediate (Acute) Health Hazard () Delayed (Chronic) Health Hazard () Fire Hazard	<ul><li>( ) Sudden Release of Pressure Hazard</li><li>( ) Reactive Hazard</li></ul>
WARNING STATEMENTS: MAY CAUSE SKIN AND EYE IRRITATION	ON.
Section 3. PHYSICAL DATA	
Melting Point (°F):	Not Applicable
<b>Boiling point</b> (°F):	Not Applicable
Vapor Pressure (mmHg at 20°C):	Not Applicable
Vapor Density (Air=1):	Not Applicable
Solubility in Water:	Insoluble
Specific Gravity:	0.958 @ 25°C

Not applicable

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Section 6. Health Hazard Data/First Aid Procedures

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**EXPOSURE LIMITS IN AIR** 

<u>Chemical Name(s)</u> <u>AOGTH (TWA)</u> <u>OSHA (TWA)</u> <u>OTHER</u>

Tributylphosphate 0.2 ppm (2.2 mg/m) 0.2 ppm (2.5 mg/m)

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**EFFECTS OF SINGLE OVEREXPOSURE** 

Swallowing: Low Acute Oral Toxicity. (1) No deaths in rats were observed at 5000

mg/kg for polydimethylsiloxane. (2) For Tributylphosphate, acute oral/rat

LD50: 3000 mg/kg.

Skin Absorption: Animal tests for similar polydimethylsiloxane fluids suggest very, low acute

dermal toxicity. (1) Tributylphosphate may be absorbed through the skin.

Inhalation: This is a viscous fluid that does not easily form a mist or vapor and,

therefore, inhalation hazards are minimal.

Skin Contact: Polydimethylsiloxane fluids are non-irritating to intact and abraded rabbit

skin. (1) Tributylphosphate can cause skin irritation.

Eye Contact: Polydimethylsiloxane fluids are non-irritating to rabbit eyes. (1)

Tributylphosphate can cause eye irritation.

**EFFECTS OF REPEATED OVEREXPOSURE:** 

No data Found.

**CARCINOGENICITY:** 

This product does not contain any ingredient by IARC, NIP, ACGIH or OSHA as aprobable human carcinogen.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO MAN:

No data found.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY OVEREXPOSURE:

No data found

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# **FIRST AID PROCEDURES:**

EYES: In case of contact, wipe off excess with a clean gauze pad or cotton

and then flush eyes with plenty of water for at least 15 minutes using an eyewash fountain. Lift upper and lower lids and rinse well under

them. Get medical attention if irritation develops or persists.

SKIN: In case of contact, wipe of excess with a clean cloth and then wash with soap

and plenty of water. Get Medical attention if irritation develops or persists.

INHALATION: Although it would be difficult to inhale this product, seek medical attention

if it should occur.

INGESTION: If swallowed and victim is fully conscious, induce vomiting immediately by

giving two glasses of water and sticking finger down throat. GET

IMMEDIATE MEDICAL ATTENTION.

NOTE TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress

in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific information found.

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#### Section 7. PRECAUTIONS FOR SAFE HANDLING AND USE

## STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear appropriate protective gear. Absorb onto vermiculite. Sweep up into appropriate container. Wash spill area after material pickup is complete with an appropriate solvent like paint thinner.

# WASTE DISPOSAL METHOD:

Dispose of in accordance with Local, State, and Federal regulations.

#### HANDLING AND STORAGE:

Store at room temperature in tightly closed containers. Avoid direct or prolonged contact with skin and eyes. Wash hands thoroughly after handling. Do not rub eyes with soiled hands. Do not eat, drink or smoke in the work area.

# **OTHER PRECAUTIONS:**

None found.

### **Specifically Listed under SARA Title III:**

- ( ) Section 302 Extremely Hazardous Substances
- ( ) Section 313 Toxic Chemicals
- (x) Not Listed

## State/International Right-toKnow Regulations:

**Tributylphosphate** 

California: **Not Listed Connecticut: Not Listed** Florida: Toxic Illinois: **Toxic** Louisiana: **RTK** 

Massachusetts: TRK; Spill RQ 100 lb. RTK ID# 1880 New Jersey: New York: **Not Listed** 

Pennsylvania: RTK **Rhode Island: HAZ Toxic** 

Canada: Nonc. 1%; No. 1597 \_\_\_\_\_\_

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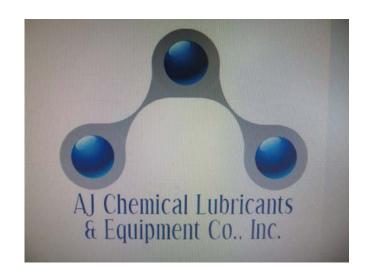
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**Section 10.** Transportation Requirements

SILICONE BRAKE FLUID CAS #63-148-62-9

FREIGHT CLASSIFICATION #30040 Brake Fluid other than petroleum Class 65

# PRODUCT CLASSIFIED UNDER DOT REGULATIONS AS NON-HAZARDOUS-NOT REGULATED.



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