



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Common Name	BRAYCO 483	Code	27017-AW
Supplier	Air BP Lubricants Maple Plaza II - 1N, Six Campus Drive Parsippany, NJ 07054 U.S.A. - Product Info: 1-(866)427-6737	Validation Date	1/4/2002.
Synonym	Not available.	Print Date	1/4/2002.
Trade name	Not available.	Responsible Name	Product Stewardship
Material Uses	Not available.	In Case of Emergency	CHEMTREC (800) 424-9300
Manufacturer	Air BP Lubricants Maple Plaza II -1N, Six Campus Drive Parsippany, NJ 07054 U.S.A.		

Section 2. Composition, Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits
1) DISTILLATES, PETROLEUM, HYDROTREATED MIDDLE	64742-46-7	70-75	ACGIH (United States). TWA: 5 mg/m ³ OSHA (United States). TWA: 5 mg/m ³ ACGIH (United States). STEL: 10 mg/m ³ Form: Mist
2) DISTILLATES, PETROLEUM, HYDROTREATED HEAVY PARAFFINIC	64742-54-7	1-5	ACGIH (United States). TWA: 5 mg/m ³ Form: Mist OSHA (United States). TWA: 5 mg/m ³ Form: Mist ACGIH (United States). STEL: 10 mg/m ³ Form: Mist

Section 3. Hazards Identification

Physical State and Appearance	Liquid. (Amber fluid; petroleum hydrocarbon odor.)
Emergency Overview	WARNING! Not available.
Routes of Entry	Absorbed through skin. Eye contact. Inhalation.
Potential Acute Health Effects	May cause eye irritation. This product may cause gastrointestinal distress with symptoms of nausea, vomiting, diarrhea, and abdominal pain. Inhalation of high concentrations of mists may produce irritation and damage to the respiratory tract. Prolonged or repeated contact tends to remove natural skin oil and may cause irritation, rash and possibly, dermatitis.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [2,6-DITERT-BUTYL-P-CRESOL]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.
Medical Conditions Aggravated by Overexposure:	Repeated or prolonged exposure is not known to aggravate medical condition.
Overexposure /Signs/Symptoms	Not available.
See Toxicological Information (section 11)	

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Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Notes to Physician	Not available.

Section 5. Fire Fighting Measures

Flammability of the Product	May be combustible at high temperature.
Autoignition Temperature	Not available.
Flash Points	CLOSED CUP: 257°C (494.6°F).
Flammable Limits	Not available.
Products of Combustion	These products are carbon oxides (CO, CO ₂).
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. Carbon dioxide, dry chemical, foam. Water or foam may cause frothing. Use water to keep fire exposed container cool. Water spray may be used to flush spills away from exposure. For fires in enclosed areas, firefighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams or drinking water supply.
Protective Clothing (Fire)	Be sure to use an approved/certified respirator or equivalent.
Special Remarks on Fire Hazards	Smoke, Fumes, CO, CO ₂ ; minor amounts of various hydrocarbons and oxides of sulfur and nitrogen.
Special Remarks on Explosion Hazards	Not available.

Section 6. Accidental Release Measures

Small Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7. Handling and Storage

Avoid breathing vapors or spray mists.

Keep container tightly closed. Keep container in a cool, well-ventilated area.

Maintain ambient temperatures. Avoid prolonged/repeated breathing of vapors, mists, fumes. Keep container tightly closed. Do not store near heat, flame, strong oxidants. Maintain adequate ventilation.

Section 8. Exposure Controls, Personal Protection

Engineering Controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Use NIOSH/MSHA approved respirator with organic vapor cartridge if vapor concentrations exceeds permissible exposure limit. Provide sufficient mechanical, general, and/or local exhaust to maintain exposure below any applicable TLV or PEL.

Personal Protection

Eyes Safety glasses.

Body Lab coat.

Impervious protective clothing and chemical resistant safety shoes should be worn to minimize contact. Wash contaminated clothing with soap and water and dry before reuse. Emergency shower and eyewash facility should be provided in all areas in which this product is handled.

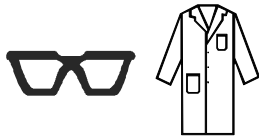
Respiratory Not applicable.

Hands

Use neoprene type gloves when handling this product.

Feet Not applicable.

Protective Clothing (Pictograms)



Personal Protection in Case of a Large Spill Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Product Name

1) DISTILLATES, PETROLEUM, HYDROTREATED MIDDLE

Exposure Limits

ACGIH (United States).

TWA: 5 mg/m³ **OSHA (United States).**

TWA: 5 mg/m³ **ACGIH (United States).**

STEL: 10 mg/m³ Form: Mist

2) DISTILLATES, PETROLEUM, HYDROTREATED HEAVY PARAFFINIC

ACGIH (United States).

TWA: 5 mg/m³ Form: Mist **OSHA (United States).**

TWA: 5 mg/m³ Form: Mist **ACGIH (United States).**

STEL: 10 mg/m³ Form: Mist

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid. (Amber fluid; petroleum hydrocarbon odor.)

Odor Not available.

Boiling/Condensation Point 260°C (500°F)

Taste Not available.

Melting/Freezing Point 0°C (32°F)

Color Not available.

pH Concentrate Not applicable.

Not available.

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pH Dilution % and Value**Critical Temperature** Not available.**Specific Gravity** 0.86 to 0.88 (Water = 1)**Vapor Pressure** Not available.**Vapor Density** Not available.**Volatility** Not available.**Odor Threshold** Not available.**Evaporation Rate** Not available.**VOC** Not available. **VOC Method** Not available.**Viscosity** Not available.**Solubility** Insoluble in cold water.**Physical Chemical Comments** Not available.**Section 10. Stability and Reactivity****Stability and Reactivity** The product is stable.**Conditions of Instability** None known.**Incompatibility with Various Substances**

Strong oxidizing agents.

Hazardous Decomposition Products Not available.**Hazardous Polymerization** Will not occur.**Section 11. Toxicological Information****Toxicity to Animals** LD50: Not available.
LC50: Not available.**Chronic Effects on Humans** **CARCINOGENIC EFFECTS:** Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [2,6-DITERT-BUTYL-P-CRESOL].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.**Other Toxic Effects on Humans** No specific information is available in our database regarding the other toxic effects of this material for humans.**Special Remarks on Toxicity to Animals** Not available.**Special Remarks** In case of contact, flush eyes with plenty of water. Get medical attention if irritation occurs. Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe damage. Do not leave victim unattended. If vomiting occurs, or if comatose or lethargic, place on the left side with the head down. Seek immediate medical attention. Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately. In case of contact, wash skin with plenty of soap and water. Remove contaminated clothing. Get medical attention if irritation persists. Wash clothing before reuse. Use skin cream for defatted areas.**Continued on Next Page**

Special Remarks on Other Toxic Effects on Humans	May cause eye irritation. This product may cause gastrointestinal distress with symptoms of nausea, vomiting, diarrhea, and abdominal pain. Inhalation of high concentrations of mists may produce irritation and damage to the respiratory tract. Prolonged or repeated contact tends to remove natural skin oil and may cause irritation, rash and possibly, dermatitis.
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Section 12. Ecological Information

Ecotoxicity	Not available.
BOD and COD	Not available.
Biodegradable/OECD	Not available.
Mobility	Not available.
Products of Degradation	These products are carbon oxides (CO, CO ₂) and water.
Toxicity of the Products of Biodegradation	The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation	Not available.

Section 13. Disposal Considerations

Waste Information	Type: Non-hazardous chemical waste. Location: not available Classification: not available Disposal.: Waste must be disposed of in accordance with federal, state and local environmental control regulations. Storage: not available Recycling: not available Large spills: wear appropriate protective clothing. Stop source of leak if possible. Dike, contain spill and recover free liquid. Prevent entry into waterways. Soak up residue with an inert absorbent such as clay, sand or other suitable materials; Store and dispose of properly. Flush area with water. Where feasible and appropriate, remove contaminated soil. Small spills: Neutralize and/or soak up spill with inert absorbent. Store in a closed container and dispose of properly. Dispose of in accordance with local, state and federal regulations. Disposal of this material to the land may be banned by federal law (40 CFR 268). RCRA Waste Code(s)
Waste Stream	Not available.
Consult your local or regional authorities.	

Section 14. Transport Information

DOT Classification	Not available.	
	Not regulated.	
Marine Pollutant	Not available.	
Special Provisions for Transport	Petroleum oil, not regulated in containers less than 3500 gallons.	
ADR/RID Classification	Not available.	
IMO/IMDG Classification	Not available.	
ICAO/IATA Classification	Not available.	

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Section 15. Regulatory Information

U.S. Federal Regulations	<p>No products were found.</p> <p>SARA 302/304 emergency planning and notification: No products were found.</p> <p>SARA 311/312 MSDS distribution - chemical inventory - hazard identification: BRAYCO 483: immediate health hazard.</p> <p>Clean Water Act (CWA) 307: ZINC, BIS(DIPENTYLCARBAMODITHIOATO-S,S')-, (T-4)- Clean Water Act (CWA) 311: No products were found.</p> <p>Clean air act (CAA) 112 accidental release prevention: No products were found.</p> <p>Clean air act (CAA) 112 regulated toxic substances: No products were found.</p> <p>Clean air act (CAA) 112 regulated flammable substances: No products were found.</p>
State Regulations	<p>No products were found.</p> <p>California prop. 65: No products were found.</p>
Inventory Lists	<p>TSCA 8(b) inventory: All components of this product are listed on (or meet the exemption requirements of) the applicable inventory list.</p> <p>CEPA DSL: One or more of the materials contained in this product may not appear on the applicable inventory list. Please consult the manufacturer for additional information.</p> <p>Australia (NICNAS): One or more of the materials contained in this product may not appear on the applicable inventory list. Please consult the manufacturer for additional information.</p> <p>Korea (TCCL): One or more of the materials contained in this product may not appear on the applicable inventory list. Please consult the manufacturer for additional information.</p> <p>Philippines (RA6969): One or more of the materials contained in this product may not appear on the applicable inventory list. Please consult the manufacturer for additional information.</p> <p>MITI: One or more of the materials contained in this product may not appear on the applicable inventory list. Please consult the manufacturer for additional information.</p> <p>EINECS: One or more of the materials contained in this product may not appear on the applicable inventory list. Please consult the manufacturer for additional information.</p>

Section 16. Other Information

Label Requirements

Hazardous Material Information System (U.S.A.)

Health	0
Fire Hazard	1
Reactivity	0
Personal Protection	A

National Fire Protection Association (U.S.A.)



References

Not available.

Other Special Considerations

PETROLEUM OIL: STEL = 10 mg/M3. Using terminology of the International Agency for Research on Cancer (IARC), the petroleum distillates listed in Section II are classified by the supplier as severely processed. Not all those listed in Section II may be present. The supplier has stated that these distillates do not require a carcinogen label as defined by OSHA 29 CFR 1910.1200. No component known to be present in this product at >0.1% is presently listed as a carcinogen by IARC, NTP or OSHA.

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This product is a mixture and is NOT listed in the TSCA Inventory. The individual ingredients in the product are listed in the TSCA Inventory.

Validated by Larry J. Barder-CINA on 1/4/2002.

Printed 1/4/2002.

CHEMTREC (800) 424-9300

[Notice to Reader](#)

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.