



# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

Common Name	<b>BRAYCOTE 248</b>	Code	27059-AT
Supplier	Air BP Lubricants Maple Plaza II -1N, Six Campus Drive Parsippany, NJ 07054 U.S.A. Product Information: (866) 4 BP -MSDS (866) 427 - 6737	Validation Date	07/09/2003
Synonym	Not available.	Print Date	07/09/2003
Trade name	Not available.	Responsible Name	Product Stewardship
Material Uses	Industrial applications	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
SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS	61789-86-4	1-5	Not available.
PETROLEUM WAX	8002-74-2	35-40	<b>ACGIH TLV (United States, 2002).</b> TWA: 2 mg/m <sup>3</sup> 8 hour(s). Form: Fume <b>OSHA PEL 1989 (United States, 1989).</b> TWA: 2 mg/m <sup>3</sup> 8 hour(s).
DISTILLATES, (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	60-65	<b>ACGIH (United States).</b> TWA: 5 mg/m <sup>3</sup> 8 hour(s). Form: Oil mist, mineral <b>OSHA (United States).</b> TWA: 5 mg/m <sup>3</sup> 8 hour(s). Form: Oil mist, mineral <b>ACGIH (United States).</b> STEL: 10 mg/m <sup>3</sup> 15 minute(s). Form: Oil mist, mineral

## Section 3. Hazards Identification

Physical state / Appearance	Liquid. Petroleum Dark Color
Emergency Overview	<b>WARNING!</b> CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE EYE IRRITATION. MIST: MAY CAUSE RESPIRATORY TRACT IRRITATION.  Avoid contact with skin and eyes. Wash thoroughly after handling. Do not ingest. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.
Routes of Entry	Skin Contact. Eye contact. Inhalation. Ingestion.
Potential Acute Health Effects	Eyes May cause eye irritation.

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*Skin* Causes skin irritation. May cause sensitization by skin contact.

*Inhalation* Vapor: Solution may cause irritation of mouth, throat, and esophagus. High vapor concentrations can cause headaches, dizziness, drowsiness, and nausea, and may lead to unconsciousness. Vapor: Prolonged repeated exposure may cause chemical pneumonitis.

*Ingestion* Oral LD50: Not established. Ingestion may cause gastrointestinal irritation and diarrhea.

No additional remark.

**Potential Chronic Health Effects**

Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.

**CARCINOGENIC EFFECTS:** No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH or the International Agency for Research on Cancer (IARC). No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program (NTP) or the U.S. Occupational Safety and Health Act (OSHA).

**MUTAGENIC EFFECTS:** No component of this product at levels greater than 0.1% is classified by established regulatory criteria as a mutagen.

**TERATOGENIC EFFECTS:** No component of this product at levels greater than 0.1% is classified by established regulatory criteria as teratogenic or embryotoxic.

**Medical Conditions**

Repeated or prolonged exposure is not known to aggravate medical condition.

**Aggravated by Overexposure:**

**Overexposure**

Not available.

**/Signs/Symptoms**

See Toxicological Information (section 11)

### Section 4. First Aid Measures

<b>Eye Contact</b>	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.
<b>Skin Contact</b>	Wash contaminated skin with soap and water. Get medical attention immediately. Wash clothing before reuse.
<b>Inhalation</b>	Breathing difficulty or Respiratory tract irritation: Remove to fresh air. If the victim is not breathing, perform mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. Get medical attention immediately.
<b>Ingestion</b>	If affected person is conscious, give plenty of water to drink. NEVER give an unconscious person anything to ingest. Do not induce vomiting. ASPIRATION HAZARD. If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention immediately.
<b>Notes to Physician</b>	Not available.

### Section 5. Fire Fighting Measures

<b>Flammability of the Product</b>	May be combustible at high temperature.
<b>Autoignition temperature</b>	Not applicable.
<b>Flash Point</b>	CLOSED CUP: 176.67C (350F) (Pensky-Martens.)
<b>Flammable Limits</b>	Not applicable.
<b>Products of Combustion</b>	These products are carbon oxides (CO, CO2).
<b>Fire Hazards in Presence of Various Substances</b>	Slightly flammable to flammable in presence of open flames, sparks and static discharge, of shocks, of heat, of oxidizing materials.
<b>Explosion Hazards in Presence of Various Substances</b>	This material is not explosive as defined by established regulatory criteria.
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam.  Cool closed containers exposed to fire with water. Hot containers may explode. Use water spray to keep fire exposed containers cool. Do not use water jet.

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**Protective Clothing (Fire)** Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

**Special Remarks on Fire Hazards** None identified.

**Special Remarks on Explosion Hazards** None identified.

### Section 6. Accidental Release Measures

**Small Spill and Leak** Absorb with an inert material and put the spilled material in an appropriate waste disposal. Do not allow any potentially contaminated water including rain water, runoff from fire fighting or spills to enter any waterway, sewer or drain.

**Large Spill and Leak** Absorb with an inert material and put the spilled material in an appropriate waste disposal. Do not allow any potentially contaminated water including rain water, runoff from fire fighting or spills to enter any waterway, sewer or drain.

### Section 7. Handling and Storage

**Aerosol:** Over-exposure by inhalation may cause respiratory irritation. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum. Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Keep container in a cool, well-ventilated area. Empty containers may contain harmful, flammable/combustible or explosive residue or vapors. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards.

### Section 8. Exposure Controls and Personal Protection

**Engineering Controls** **Aerosol:** Over-exposure by inhalation may cause respiratory irritation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.

#### Personal Protection

**Eyes** Safety glasses with side shields. OR  
Chemical splash goggles.

**Body** Avoid prolonged or repeated contact with skin. Wear clothing and footwear that cannot be penetrated by chemicals or oil.

**Respiratory** A respirator is not needed under normal and intended conditions of product use. Wear appropriate respirator when ventilation is inadequate.

**Hands** Impervious gloves.

**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

#### Exposure Limits

SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS  
PETROLEUM WAX

Not available.

**ACGIH TLV (United States, 2002).**

TWA: 2 mg/m<sup>3</sup> 8 hour(s). Form: Fume **OSHA PEL 1989 (United States, 1989).**

TWA: 2 mg/m<sup>3</sup> 8 hour(s).

DISTILLATES, (PETROLEUM), HYDROTREATED  
HEAVY NAPHTHENIC

**ACGIH (United States).**

TWA: 5 mg/m<sup>3</sup> 8 hour(s). Form: Oil mist, mineral

**OSHA (United States).**

TWA: 5 mg/m<sup>3</sup> 8 hour(s). Form: Oil mist, mineral

**ACGIH (United States).**

STEL: 10 mg/m<sup>3</sup> 15 minute(s). Form: Oil mist, mineral

Consult local authorities for acceptable exposure limits.

**Section 9. Physical and Chemical Properties**

Physical state / Appearance	Liquid.	Odor	Petroleum
Boiling/Condensation Point	Not available.	Taste	Not available.
Melting/Freezing Point	Not available.	Color	Dark Color
pH ( Concentration )	Not applicable.		
pH Dilution % and Value	Not available.		
Critical Temperature	Not available.		
Specific Gravity	0.9 (Water = 1)		
Vapor Pressure	Not available		
Vapor Density	>1 (Air = 1)		
Volatility	100% (v/v).		
Odor Threshold	Not available.		
Evaporation Rate	Not available.		
VOC	0 (g/l).	VOC Method	Determined
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	Avoid excessive heat.
Incompatibility with Various Substances	Strong oxidizing materials
Hazardous Decomposition Products	carbon oxides (CO, CO2)
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	LD50: Not available LC50: Not available
<b>Chronic Effects on Humans</b>	Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis. <b>CARCINOGENIC EFFECTS:</b> No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH or the International Agency for Research on Cancer (IARC). No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program (NTP) or the U.S. Occupational Safety and Health Act (OSHA). <b>MUTAGENIC EFFECTS:</b> No component of this product at levels greater than 0.1% is classified by established regulatory criteria as a mutagen. <b>TERATOGENIC EFFECTS:</b> No component of this product at levels greater than 0.1% is classified by established regulatory criteria as teratogenic or embryotoxic. <b>REPRODUCTIVE EFFECTS:</b> No component of this product at levels greater than 0.1% is classified by established regulatory criteria as a reproductive toxin.
<b>Other Toxic Effects on Humans</b>	No specific information is available in our database regarding the other toxic effects of this material for humans.
<b>Special Remarks on Toxicity to Animals</b>	No additional remark.
<b>Special Remarks on Chronic Effects on Humans</b>	No additional remark.
<b>Special Remarks on Other Toxic Effects on Humans</b>	No additional remark.

**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not determined.
<b>BOD and COD</b>	Not determined.
<b>Biodegradable/OECD</b>	Not determined.
<b>Mobility</b>	Not determined.
<b>Products of Degradation</b>	carbon oxides (CO, CO <sub>2</sub> ), sulfur oxides (SO <sub>2</sub> , SO <sub>3</sub> ...), nitrogen oxides (NO, NO <sub>2</sub> ...)
<b>Toxicity of the Products of Biodegradation</b>	Not determined.
<b>Special Remarks on the Products of Biodegradation</b>	No additional remark.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Keep out of waterways. Disposal of this material to the land may be banned by federal law (40 CFR 268).	
<b>RCRA Waste Code(s)</b>	USED OIL	
<b>Waste Stream</b>	Not determined.	
<b>Consult your local or regional authorities.</b>		

**Section 14. Transport Information**

<b>DOT Classification</b>	Not a DOT controlled material (United States).	

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

**Section 15. Regulatory Information**

<b>U.S. Federal Regulations</b>	<p>SARA 302/304 emergency planning and notification: No products were found.</p> <p>SARA 311/312 MSDS distribution - chemical inventory - hazard identification: BRAYCOTE 248: immediate health hazard, delayed health hazard.</p> <p>SARA 313 toxic chemical notification and release reporting: No products were found.</p> <p>Clean Water Act (CWA) 307: No products were found.</p> <p>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>
<b>State Regulations</b>	<p>Pennsylvania RTK: Refined paraffin wax (generic environmental hazard)</p> <p>Massachusetts RTK: Refined paraffin wax</p> <p>California prop. 65: No products were found.</p>
<b>Inventory Lists</b>	<p>TSCA 8(b) inventory: In compliance.</p> <p>CEPA DSL: In compliance.</p> <p>Australia (NICNAS): Not determined.</p> <p>Korea (TCCL): Not determined.</p> <p>Philippines (RA6969): Not determined.</p> <p>MITI: Not determined.</p> <p>EINECS: Not determined.</p>

**Section 16. Other Information**

<b>Label Requirements</b>	<p>CAUSES SKIN IRRITATION.                  MAY CAUSE ALLERGIC SKIN REACTION.                  MAY CAUSE EYE IRRITATION.                  MIST: MAY CAUSE RESPIRATORY TRACT IRRITATION.</p>										
<b>Hazardous Material Information System (U.S.A.)</b>	<table border="1"> <tr> <td>Health</td> <td>2</td> </tr> <tr> <td>Fire Hazard</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td>B</td> </tr> </table>	Health	2	Fire Hazard	1	Reactivity	0	Personal Protection	B	<b>National Fire Protection Association (U.S.A.)</b>	
Health	2										
Fire Hazard	1										
Reactivity	0										
Personal Protection	B										

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.

Validated by Product Stewardship on 07/09/2003.

Printed 07/09/2003.

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.*