



# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

<b>Common Name</b>	<b>BRAYCO 885</b>	<b>Code</b>	27021-AW
<b>Supplier</b>	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	<b>Validation Date</b>	12/5/2001.
<b>Synonym</b>	Not available.	<b>Print Date</b>	12/5/2001.
<b>Trade name</b>	Not available.	<b>Responsible Name</b>	Product Stewardship
<b>Material Uses</b>	Not available.	<b>In Case of Emergency</b>	CHEMTREC (800) 424-9300
<b>Manufacturer</b>	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) NAPHTHALENESULFONIC ACID, DINONYL-, BARIUM SALT	25619-56-1	1-5	<b>ACGIH (United States, 1996).</b> TWA: 0.5 mg/m <sup>3</sup> <b>OSHA Final Rule (United States, 1989).</b> TWA: 0.5 mg/m <sup>3</sup>

## Section 3. Hazards Identification

<b>Physical State and Appearance</b>	Liquid. Mild. Odor Yellow. Liquid.
<b>Emergency Overview</b>	CAUTION! MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Do not ingest. Not available.
<b>Routes of Entry</b>	Absorbed through skin. Eye contact. Inhalation. Ingestion.
<b>Potential Acute Health Effects</b>	<b>Eyes</b> Moderately irritating to the eyes. <b>Skin</b> Moderately irritating to the skin. <b>Inhalation</b> Moderately irritating to the respiratory system. <b>Ingestion</b> Ingestion may cause gastrointestinal irritation and diarrhea. No additional remark.
<b>Potential Chronic Health Effects</b>	<b>CARCINOGENIC EFFECTS:</b> Not known to be carcinogen. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available.
<b>Medical Conditions Aggravated by Overexposure:</b>	Repeated or prolonged exposure is not known to aggravate medical condition.

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**Overexposure /Signs/Symptoms** Not available.  
See Toxicological Information (section 11)

#### Section 4. First Aid Measures

<b>Eye Contact</b>	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.
<b>Skin Contact</b>	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
<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 available.
<b>Flash Points</b>	OPEN CUP: 260°C (500°F) (Cleveland.).
<b>Flammable Limits</b>	Not available.
<b>Products of Combustion</b>	These products are carbon oxides (CO, CO <sub>2</sub> ), Barium oxide.
<b>Fire Hazards in Presence of Various Substances</b>	Not available.
<b>Explosion Hazards in Presence of Various Substances</b>	Non-explosive in presence of open flames, sparks and static discharge, of shocks, of heat.
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. Water fog, dry chemical, foam or CO <sub>2</sub> . Wear self contained breathing apparatus when fire fighting in a confined space. Cool fire exposed containers with waterspray to prevent rupture.
<b>Protective Clothing (Fire)</b>	Be sure to use an approved/certified respirator or equivalent.
<b>Special Remarks on Fire Hazards</b>	Potential combustion products are oxides of carbon., and Barium oxide
<b>Special Remarks on Explosion Hazards</b>	Not available.

#### Section 6. Accidental Release Measures

<b>Small Spill and Leak</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
<b>Large Spill and Leak</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Do not allow to enter drains or watercourses.

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### Section 7. Handling and Storage

Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Do not ingest.

Keep container tightly closed. Keep container in a cool, well-ventilated area. Avoid contact with strong oxidizers, excessive heat, sparks or open flame. 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, 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.

#### Personal Protection

**Eyes** Safety glasses with side shields.

**Body** Synthetic apron.

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** Wear appropriate respirator when ventilation is inadequate.

**Hands** Impervious gloves.

Protective gloves should be worn during handling.

**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) NAPHTHALENESULFONIC ACID, DINONYL-, BARIUM SALT

#### Exposure Limits

**ACGIH (United States, 1996).**  
TWA: 0.5 mg/m<sup>3</sup> **OSHA Final Rule (United States, 1989).**  
TWA: 0.5 mg/m<sup>3</sup>

Consult local authorities for acceptable exposure limits.

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Liquid.	<b>Odor</b>	Mild. Odor
<b>Boiling/Condensation Point</b>	Not available.	<b>Taste</b>	Not available.
<b>Melting/Freezing Point</b>	Not available.	<b>Color</b>	Yellow. Liquid.
<b>pH Concentrate</b>	Not applicable.		
<b>pH Dilution % and Value</b>	Not applicable.		
<b>Critical Temperature</b>	Not available.		
<b>Specific Gravity</b>	0.91 to 0.93 (Water = 1)		

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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	Reactive with oxidizing agents, acids, alkalis.
Hazardous Decomposition Products	carbon oxides (CO, CO <sub>2</sub> ), Barium oxide.
Hazardous Polymerization	Will not occur.

### Section 11. Toxicological Information

Toxicity to Animals	Acute oral toxicity (LD50): 9500 mg/kg [Mouse]. (DECANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER).
Chronic Effects on Humans	<b>CARCINOGENIC EFFECTS:</b> Not known to be carcinogen. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> Not available.
Other Toxic Effects on Humans	Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation (lung irritant).
Special Remarks on Toxicity to Animals	Not available.
Special Remarks	No additional remark.
Special Remarks on Other Toxic Effects on Humans	No additional remark.

### 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 Barium oxide, carbon oxides (CO, CO <sub>2</sub> ).

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**Toxicity of the Products of Biodegradation** Not available.

**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 Spill and Leak: Wear appropriate protective clothing to prevent skin contact. Stop leak if without risk. Dike area of fire to prevent product run-off. Do not allow to enter drains or watercourses. Absorb with DRY earth, sand or other non-combustible material. Dispose of according to all federal, state and local applicable regulations. Small Spill and Leak: Absorb with inert material or damp paper towel; place into suitable container for later disposal. 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 a DOT controlled material (United States).

Not regulated.

**Marine Pollutant** Not pollutant.

**Special Provisions for Transport** NOT REGULATED

**ADR/RID Classification** Not available.

**IMO/IMDG Classification** Not available.

**ICAO/IATA Classification** Not available.

### Section 15. Regulatory Information

**U.S. Federal Regulations** TSCA 8(d) H and S data reporting: TOLUENE: 1982  
 SARA 302/304 emergency planning and notification: No products were found.  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: BRAYCO 885: immediate health hazard.  
 SARA 313 toxic chemical notification and release reporting: NAPHTHALENESULFONIC ACID, DINONYL-, BARIUM SALT 3%  
 Clean Water Act (CWA) 307: TOLUENE  
 Clean Water Act (CWA) 311: No products were found.  
 Clean air act (CAA) 112 accidental release prevention: No products were found.  
 Clean air act (CAA) 112 regulated toxic substances: No products were found.  
 Clean air act (CAA) 112 regulated flammable substances: No products were found.

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**State Regulations**

Pennsylvania RTK: NAPHTHALENESULFONIC ACID, DINONYL-, BARIUM SALT (environmental hazard, generic environmental hazard)

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: TOLUENE

California prop. 65 (acceptable daily intake level): TOLUENE: 7000 mg/day (value), 13000 mg/day (inhalation)

California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: TOLUENE

**Inventory Lists**

TSCA 8(b) inventory: All components of this product are listed on (or meet the exemption requirements of) the applicable inventory list.

CEPA DSL: All components of this product are listed on (or meet the exemption requirements of) the applicable inventory list.

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.

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.

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.

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.

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.

**Section 16. Other Information****Label Requirements**

MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

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

Health	1
Fire Hazard	1
Reactivity	0
Personal Protection	C

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

Not available.

**Other Special Considerations**

No component known to be present in this product at >0.1% is presently listed as a carcinogen by IARC, NTP or OSHA.

Validated by Product Stewardship on 12/5/2001.

Printed 12/5/2001.

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.*