

A M E R I C A N   R E F I N I N G   G R O U P   I N C .  
M A T E R I A L   S A F E T Y   D A T A   S H E E T

BRAD PENN® RED 000 LITHIUM GREASE

PRODUCT CODE: BP-7866

**NFPA HAZARD RATING**

4 – Extreme  
3 – High  
2 – Moderate  
1 – Insignificant

**PRODUCT NFPA HAZARD RATING**

Health – 1  
Fire – 1  
Reactivity - 0

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DIVISION AND LOCATION---SECTION I

Division: LUBRICANTS AND SPECIALTY PRODUCTS DIVISION

Location: BRADFORD, PENNSYLVANIA

77 N. KENDALL AVE, BRADFORD, PA, 16701

Emergency Telephone Number: (814) 368-1297

Transportation Emergency: CHEMTREC 1-(800) 424-9300 (U.S. and Canada)

CHEMICAL AND PHYSICAL PROPERTIES---SECTION II

Chemical Name:

petroleum hydrocarbon plus additives

Formula: not applicable

Hazardous Decomposition Products:

carbon monoxide and carbon dioxide from burning.

Incompatibility (Keep away from):

strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.

Toxic and Hazardous Ingredients INVALID CONVERSION :

Form: semi-solid

Odor: mineral oil

Appearance: grease

Color: Brown

Specific Gravity (water=1): 0.91

Boiling Point: greater than 371°C (700°F)

Melting Point: 177°C (350°F)

Solubility in Water (by weight %): negligible at 20°C

Volatile (by weight %): negligible

Evaporation Rate: negligible

Vapor Pressure (mm Hg at 20°C): negligible

Vapor Density (air=1) : not applicable

pH (as is) : not applicable

Stability: Product is stable under normal conditions

Viscosity SUS at 100°F: Greater than or = to 100

FIRE AND EXPLOSION DATA---SECTION III

Special Fire Fighting Procedures:

Do not use water except as fog.

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Unusual Fire and Explosion Hazards:

Do not cut, weld, braze, solder, drill, grind or expose containers, drums, tanks, etc. of product to heat, flame, sparks, static electricity or other sources of ignition; they may ignite explosively.

Flashpoint: (Method Used) Cleveland open cup greater than 204°C (400°F)

Flammable limits % : not applicable

Extinguishing agents

Drychemical or Waterfog or CO<sub>2</sub> or Foam

Closed containers exposed to fire may be cooled with water.

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HEALTH HAZARD DATA---SECTION IV

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Permissible concentrations (air):

not applicable

Chronic effects of overexposure:

Prolonged or repeated skin contact may cause dermatitis (skin irritation)

Acute toxicological properties:

no data available

Emergency First Aid Procedures:

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician.

Skin Contact: Remove excess with cloth or paper. Wash thoroughly with soap and water.

Inhalation: Remove victim to fresh air. Call a physician.

If Swallowed: Contact a physician immediately.

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SPECIAL PROTECTION INFORMATION---SECTION V

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Ventilation Type Required (Local,mechanical,special):

none required

Respiratory Protection (Specify type):

none required

Protective Gloves:

rubber

Eye Protection:

chemical safety goggles

Other Protective Equipment:

none

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HANDLING OF SPILLS OR LEAKS---SECTION VI

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Procedures for Clean-Up:

Transfer bulk of mixture into another container. Absorb residue with an inert material such as earth, sand, or vermiculite. Sweep up and dispose as solid waste in accordance with local, state, and federal regulations.

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Waste Disposal:

Dispose of in accordance with all applicable federal, state and local regulations.

SPECIAL PRECAUTIONS---SECTION VII

Precautions to be taken in handling and storage:

Do not handle or store at temperatures over

Maximum Storage Temperature: 60°C (140°F)

TRANSPORTATION DATA---SECTION VIII

D. O. T.: Not Regulated

Reportable Quantity: not applicable

Freight Classification: Petroleum Lubricating Grease

Special Transportation Notes:

ENVIRONMENTAL/SAFETY REGULATIONS---SECTION IX

Section 313 (Title III Superfund Amendment and Reauthorization Act):

This product contains a chemical in sufficient quantity to be subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Zinc Alkyldithiophosphate

CAS# 68649-42-3

<1.0%weight

Prepared by: Monica C Mathers

Title: Product Safety Steward Leader

Original Date: 01/29/07

Revision Date:

Supersedes :

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