

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 Anti Rust CI

PRODUCT CODE: BP-7950

NFPA HAZARD RATING

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

PRODUCT NFPA HAZARD RATING

Health – 1
Fire – 2
Reactivity - 0

PAGE 1

DIVISION AND LOCATION—SECTION I

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, oxides
of phosphorous and sulfur from burning

Incompatibility (Keep away from):

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

<u>Product Components</u>	<u>CAS No.</u>	<u>% (Volume)</u>
Mineral Oil	64741-44-2	60-70
Solvent	64742-47-8	30-40
Calcium Sulfonate	57855-77-3	0.5-1.0

Form: liquid

Odor: petroleum

Appearance: liquid

Color: light amber

Specific Gravity (water=1) : 0.82

Boiling Point: greater than 196°C (385°F)

Pour Point: not determined

Solubility in Water (by weight %) : 0 at 20°C

Volatile (by weight %) : not determined

Evaporation Rate: 1.1

Vapor Pressure (mm Hg at 20°C): 1.0

Vapor Density (air=1) : not applicable

pH (as is) : not applicable

Stability: Product is stable under normal conditions

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

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PRODUCT CODE: BP-7950
PAGE 2

FIRE AND EXPLOSION DATA---SECTION III

Special Fire Fighting Procedures:

Do not use water except as fog.

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 63°C (145°F)

Flammable limits % : not applicable

Extinguishing agents:

Drychemical or Waterfog or CO2 or Foam

Closed containers exposed to fire may be cooled with water.

HEALTH HAZARD DATA---SECTION IV

Permissible concentrations (air):

If used in applications where a mist may be generated, observe a TWA/PEL of 5 mg/m3 for mineral oil mist (OSHA and ACGIH).

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. DO NOT induce vomiting.

Vomiting may result in aspiration into the lungs resulting in a chemical pneumonia.

SPECIAL PROTECTION INFORMATION---SECTION V

Ventilation Type Required (Local,mechanical,special):

Local if necessary to maintain allowable PEL(permissible exposure limit) or TLV(threshold limit value)

Respiratory Protection (Specify type):

Use NIOSH/MSHA certified respirator with dual organic vapor/mist and particulates cartridge if vapor concentration exceeds permissible exposure limit.

Protective Gloves:

neoprene type

Eve Protection:

chemical safety goggles

(Continued on next page)

AMERICAN REFINING GROUP INC.
MATERIAL SAFETY DATA SHEET

Brad Penn Anti Rust CI

PRODUCT CODE: BP-7950
PAGE 3

(Section V continued)

Other Protective Equipment:
none

HANDLING OF SPILLS OR LEAKS---SECTION VI

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.

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 : 38 ° C (100°F)

TRANSPORTATION DATA---SECTION VIII

D.O.T: Regulated

U.S. D.O.T. Proper Shipping Name: Petroleum Distillates, N.O.S.

U. S. D.O.T. Hazard Class: Combustible Liquid

I.D. Number: UN 1268, PGIII, (Light Distillate), ERG 128

Label(s) Required: none

Reportable Quantity: none

Freight Classification: Petroleum Distillates – Combustible Liquid

Special Transportation Notes: DOMESTIC: Unregulated by DOT when shipped in containers of less than 118.9 gallons. FOR EXPORT: Unregulated when shipped in containers of less than 118.9 gallons, shipping name Lubricating Oil.

ENVIRONMENTAL/SAFETY REGULATIONS—SECTION IX

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

This product contains the following toxic chemical category(ies) 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 (percent by weight is also provided): NA

COMMENTS

If used in applications where a mist may be generated, observe a TWAP/EL of 5 mg/m3 for mineral oil mist (OSHA and ACGIH).

All components in this product are on the US TSCA Inventory.

All components of this product are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

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PRODUCT CODE: BP-7950
PAGE 4

(COMMENTS continued)

The additive mixtures in this product have been declared a trade secret by the additive manufacturers.

Prepared by: Monica C Mathers
Title: Product Compliance Coordinator
Original Date: 12/10/10
Revision Date:
Supersedes .:

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