

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 IIIH AUTOMATIC
TRANSMISSION FLUID

PRODUCT CODE: BP-7424

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

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, hydrocarbons

Incompatibility (Keep away from):

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

Product Components

Hydrotreated Heavy Paraffinic Distillate
Additives

CAS No.

64742-54-7
Mixture

% (Volume)

90-100
<10

Form: liquid

Odor: hydrocarbon

Appearance: liquid

Color: red

Specific Gravity (water=1) : 0.88

Boiling Point: not determined

Melting Point: less than -42°C (-46°F)

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

Volatile (by weight %) : 0

Evaporation Rate: >1

Vapor Pressure (mm Hg at 20°C): 0.010

Vapor Density (air=1) : not volatile

pH (as is) : not applicable

Stability: Product is stable under normal conditions

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

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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 199°C (390°F)

Explosion limits % : 1%(v) 6%(v)

Extinguishing agents:

Dry chemical or CO₂ or Foam

Closed containers exposed to fire may be cooled with water.

HEALTH HAZARD DATA---SECTION IV

Permissible concentrations (air):

see COMMENTS section

Chronic effects of overexposure:

Prolonged or repeat contact may cause dry skin, irritation, and burns

Acute toxicological properties:

no data available

Emergency First Aid Procedures:

Eyes: Flush with large quantities of water for at least 15 minutes and call a physician, if symptoms persist.

Skin Contact: Remove clothing and wash skin with soap and water. Call a physician, if symptoms persist. Launder clothing before reuse.

Inhalation: Remove victim to fresh air and call a physician, if symptoms persist.

If Swallowed: Contact a physician immediately.

SPECIAL PROTECTION INFORMATION---SECTION V

Ventilation Type Required (Local,mechanical,special):

see COMMENTS section

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:

oil resistant

Eye Protection:

chemical safety goggles, if splash hazard is present

Other Protective Equipment:

none

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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: 60 ° C (140°F)

TRANSPORTATION DATA---SECTION VIII

D.O.T.: Not Regulated

Reportable Quantity: not applicable

Freight Classification: Petroleum Lubricating Oil

Special Transportation Notes:

none

ENVIRONMENTAL/SAFETY REGULATIONS---SECTION IX

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

This product does not contain any 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.

COMMENTS

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).

All components of 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.

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

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