

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® LOW POUR UNIVERSAL
2 STROKE ENGINE OIL SAE 20W-20 (F/M3)**

PRODUCT CODE: BP-7253

NFPA HAZARD RATING

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

PRODUCT NFPA HAZARD RATING

**Health – 1
Fire – 2
Reactivity - 0**

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D I V I S I O N A N D L O C A T I O N --- S E C T I O N 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)

C H E M I C A L A N D P H Y S I C A L P R O P E R T I E S --- S E C T I O N I I

Chemical Name: petroleum hydrocarbon plus additives

Formula : not applicable

Hazardous Decomposition Products:

carbon monoxide and carbon dioxide from burning.
oxides of nitrogen

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>
Solvent Refined Heavy Paraffinic Distillate	64741-88-4	20-30
Hydrotreated Heavy Paraffinic Distillate	64742-54-7	15-25
Solvent Refined Residual Oil	64742-01-4	10-15
Hydrotreated Middle Distillate	64742-46-7	15-20
Stoddard Solvent	8052-41-3	5 - 10
Additives	Mixture	15 - 20

Form: liquid

Appearance: liquid

Specific Gravity (water=1) : 0.86

Boiling Point: greater than 180°C (365°F)

Pour Point: less than -39°C (-38°F)

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

Evaporation Rate (n-butyl acetate = 1): 0.1

Vapor Pressure (mm Hg at 20°C): 0.2

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

Odor: solvent

Color: green

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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 66°C (150°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):

see comment section

Chronic effects of overexposure:

no data available

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 cause aspiration into the lungs resulting in chemical pneumonia)

ROUTES OF ENTRY:

Inhalation, skin/eye contact, ingestion

TARGET ORGAN(S):

Respiratory system, central system, skin and eyes

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Preexisting eye, skin, and respiratory disorders

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:

neoprene type

Eye Protection:

chemical safety goggles

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.: Regulated

U.S. D.O.T. Proper Shipping Name: Combustible Liquid NOS

U.S. D.O.T. Hazard Class: Combustible Liquid, 3

I.D. Number: NA 1993, PGIII, (Contains Mineral Spirits), ERG 128

Reportable Quantity: not applicable

Freight Classification: Petroleum Lubricating Oil

Special Transportation Notes:

DOMESTIC: Unregulated when shipped in containers of less than 118.9 gallons.

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 and Canadian Domestic Substance List.

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

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Prepared by: Monica C Mathers
Title: Product Compliance Coordinator
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