



GULF OIL
MATERIAL SAFETY DATA SHEET

GULF PENN-GRADE RP 150 RUSTPROOFING OIL

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Product Code: 009001

NFPA HAZARD RATING

4 - Extreme
3 - High
2 - Moderate
1 - Slight
0 - Insignificant

PRODUCT NFPA HAZARD RATING

Health - 1
Fire - 2
Reactivity - 0

DIVISION AND LOCATION---SECTION I

Division: MASTER DISTRIBUTOR OF GULF LUBRICANTS

Location: AMERICAN REFINING GROUP INC

77 N. KENDALL AVENUE, 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.

<u>Product Components</u>	<u>CAS No.</u>	<u>% (Volume)</u>
Stoddard Solvent	8052-41-3	60 - 70
Hydrotreated Middle Distillate	64742-47-8	15 - 25
Hydrotreated Heavy Paraffinic Distillate	64742-54-7	5 - 10
Additives	Mixture	5 - 10

Form: liquid

Odor: bland

Appearance: thin liquid

Color: amber

Specific Gravity (water=1): .79 to .80

Boiling Point: greater than 163°C (325°F)

Melting Point: less than -48C (-55°F)

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

Volatile (by weight %): 86.6

Evaporation Rate: (n butyl acetate = 1) .27

Vapor Pressure (mm Hg at 20° C): not available

Vapor Density; (air=1): not available

pH (as is): not applicable

Stability: Product is stable under normal conditions

Viscosity SUS at 100°F: Less than 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) Pensky-Martin closed cup 49C (120F)

Flammable limits % : not applicable

Extinguishing agents:

Dry chemical or Waterfog or CO₂ or Foam

Closed containers exposed to fire may be cooled with water.

STATIC ACCUMULATING LOW CONDUCTIVITY SOLVENT (<10pS/m)

This liquid may form an ignitable vapor-air mixture in closed tanks or containers.

Bonding and grounding may be insufficient to remove static electricity.

Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants.

Restrict flow velocity to avoid build-up of static charge.

Refer to NFPA 77, API 2003, and CENELEC CLC/TR 50404 for further guidance.

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).

Stoddard Solvent (CAS# 8052-41-3): 100 ppm, 525 mg/m³ (OSHA/ACGIH)

Trimethylbenzene: 25 ppm, 125 mg/m³ (OSHA/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 cause aspiration into lungs resulting in chemical pneumonia)

ROUTES OF ENTRY:

Inhalation, skin/eye contact, ingestion



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TARGET ORGAN(S):

Respiratory system, central nervous 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):

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

Respiratory Protection (Specify type):

Use NIOSH/OSHA 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

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. Avoid all ignition sources such as flames and sparks.

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:

Avoid all ignition sources such as flames and sparks.

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, PG III, ERG 128

Label (s) Required: Petroleum Distillates – Combustible Liquid

Reportable Quantity: none



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Freight Classification: Petroleum Distillates – Combustible Liquid

Special Transportation Notes:

Unregulated by DOT when shipped in containers less than 118.9 gallons. If shipped in containers of less than 118.9 gallons, ship as Mineral Oil.

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ENVIRONMENTAL/SAFETY REGULATIONS---SECTION IX

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

SECTION 313 (TITLE III SUPERFUND AMENDMENT AND REAUTHORIZATION ACT):

This product contains the following chemical (s) 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 (the corresponding CAS Number and percent by weight are also provided):

1, 2, 4 trimethyl benzene, CAS Number 95-63-6 at 1.74%(wt)

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

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STATE REGULATORY INFORMATION:

PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW: This product contains the following ingredient listed in Appendix A, Hazardous Substance List – Stoddard Solvent, CAS# 8052-41-3.

STATE OF CALIFORNIA PROPOSITION 65: This product contains a chemical (or chemicals) known to the State of California to cause cancer, birth defects and/or reproductive harm:

Naphthalene, CAS# 91203, at 0.28%(Volume)

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Prepared by: Monica C Mathers
Title: Product Compliance Coordinator
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