



GULF OIL  
MATERIAL SAFETY DATA SHEET

GULFSOL 30

Product Code: **380030**

NFPA HAZARD RATING

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

PRODUCT NFPA HAZARD

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

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:

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

Toxic and Hazardous Ingredients:

Stoddard solvent

%  
100

CAS

8052-41-3

Contains insitu ingredient(s), for additional information see environmental section IX for  
1,2,4 Trimethylbenzene, CAS# 95-63-6

Form: liquid

Odor: mild petroleum

Appearance: low viscosity liquid

Color: colorless

Specific Gravity (water=1): .77

Boiling Point: greater than 154°C (310°F)

Melting Point: not applicable

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

Volatile (by weight %): 100

Evaporation Rate: (n butyl acetate = 1): 0.2

Vapor Pressure (ASTM D2879, mm Hg at 20°C): 0.62

Vapor Density (air=1): 4.85

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 exposure containers, drums, tanks, etc. of product to heat, flame, sparks, static electricity or other sources of ignition; they may ignite explosively.

Flashpoint: (Method Used) Tag closed-cup 43°C (110°F)

Flammable limits %:

Lower: 1 Upper: 7

Extinguishing agents:

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

Closed containers exposed to fire may be cooled with water.

HEALTH HAZARD DATA---SECTION IV

Permissible concentrations (air):

stoddard solvent (CAS# 8052-41-3): 500 ppm (OSHA PEL, TWA)

100ppm (ACGIH TLV, TWA)

trimethylbenzene: 25 ppm, 125 mg/m<sup>3</sup> (OSHA/ACGIH)

Chronic effects of overexposure:

no data available

Acute toxicological properties:

for stoddard solvent: inhalation-irritation of eyes, nose and throat, dizziness; skin contact-dermatitis; eyes-irritation; ingestion-nausea, vomiting. Large amounts, if retained, lead to symptoms of central nervous system depression.

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: Call 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

TARGET ORGANI(S):

Respiratory system, central nervous system, skin and eyes

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Preexisting eye, skin and respiratory disorders.

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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

Eye Protection:

chemical safety goggles

Other Protective Equipment: none

HANDLING OF SPILLS OR LEAKS---SECTION VI

Procedures for Clean-Up: Avoid all ignition sources such as flames and sparks. Insure good ventilation. If volume is significant, transfer into containers for disposal. Seal containers tightly. Absorb on an inert ingredient such as earth, sand or vermiculite. Sweep up and dispose of according to Federal, State and local 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:

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, PGIII, (Stoddard Solvent), ERG 128

Labels) Required: none

Reportable Quantity: none

Freight Classification: Stoddard Solvent - Combustible Liquid

Special Transportation Notes: DOMESTIC: Unregulated by DOT when shipped in containers of less than 118.9

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gallons. For Export: Regulated as Flammable Liquid, N.O.S., (Stoddard Solvent), 3.3, UN 1268, PG III, Category A, IMDG 3375.

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ENVIRONMENTAL/SAFETY REGULATIONS---SECTION IX

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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 provided):

1,2,4-trimethylbenzene CAS# 95-63-6 at 2.67 % (wt)

COMMENTS

Pennsylvania Worker and Community Right To Know Act: This product contains the following ingredient(s) 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 other reproductive harm - Naphthalene @ 0.44 volume %.

The component(s) of this product are on the US TSCA Inventory and Canadian Domestic Substance List.

WHMIS Classification: B3-Combustible Liquid

LABEL INFORMATION

**CAUTION! COMBUSTIBLE MIXTURE** Contains Stoddard Solvent-CAS No. 8052-41-3. A hydrocarbon solvent useful for parts cleaning baths. Use wherever a Stoddard Solvent or Mineral Spirits is recommended. If used as a paint thinner, slower drying time would result. Gulfsol 30 does not contain any chlorinated solvent. Use adequate ventilation to insure that fumes do not come in contact with sources of ignition such as flames and sparks. Avoid prolonged breathing of mist or vapors and prolonged or repeated skin contact. Use NIOSH/OSHA approved respirator, and chemical splash goggles to prevent eye contact.

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**EMERGENCY FIRST AID PROCEDURES**

Eye Contact-Flush immediately with large amounts of water for at least 15 minutes. Call physician.

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

Inhalation-Remove victim to fresh air. Call a physician. The OSHA permissible exposure limit for stoddard solvent is 500 ppm.

If Swallowed-DO NOT induce vomiting. Call a physician immediately.

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Prepared by: Monica C Mathers  
Title: PRODUCT SAFETY STEWARD LEADER  
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Date Sent

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