



**Texaco Chemical Company**  
Subsidiary of Texaco Inc.

# MATERIAL SAFETY DATA SHEET

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## SECTION I - MATERIAL IDENTIFICATION

Chemical Name and Synonyms  
Mineral Spirits

Trade Name  
Gettysolve S & S-66

Mineral Spirits

Manufacturer's Name  
Texaco Chemical Company

Street Address  
4800 Fournace Place

City, State and Zip Code  
Bellaire, Texas 77401

General Contact Number  
(713) 432-3653

Emergency Telephone Number  
(409) 722-8381

Chemical Family  
Aliphatic Hydrocarbon

Formula  
Mixed  
C<sub>9</sub>'s and C<sub>10</sub>'s

CAS Number  
64742-88-7

## SECTION II - INGREDIENTS

<u>Composition</u>	<u>%</u>	<u>Toxicity Data</u>
Gettysolve S		See "notice" below
Mixture of C <sub>9</sub> 's-C <sub>10</sub> 's	88.0	
Aromatic content (C <sub>8</sub> 's & higher)	12.0	
Gettysolve S-66		
Mixture of C <sub>9</sub> 's-C <sub>10</sub> 's	93.0 min	
Aromatic content (C <sub>8</sub> 's & higher)	<7.0	
Benzene	Nil	

This material is hazardous because of its flammability.

**Notice:** Kidney injury and kidney cancer have been reported to occur in male rats exposed to hydrocarbon mixtures, particularly those containing paraffinic, isoparaffinic and naphthenic compounds. Epidemiologic evidence, though limited, suggest that if there is any elevated risk of kidney cancer associated with hydrocarbon exposures it is low and near the limit of detection. Additional animal and human studies are currently underway to determine any risk.

SECTION III - PHYSICAL DATA

Boiling Range °F (C°)  
315-385°  
(157.2-196.1°C)

Specific Gravity (H<sub>2</sub>O=1)  
0.784 @ 60°F

Vapor Pressure (mmHg)  
27 @ 20°C

Percent Volatile by Volume (%)  
100

Vapor Density (air = 1)  
4.83

Evaporation Rate  
ND\*

Solubility in Water  
Insoluble

Appearance and Odor  
Clear, colorless liquid  
petroleum odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used)  
105°F (40.5°C) (T.C.C.)

Autoignition Temperature  
450-500°F (232-260°C)

Flammable Limits (% by Volume)  
Lel = < 1.0, Uel = < 5.0

Extinguishing Media

Alcohol Foam       Carbon Dioxide       Dry Chemical  
 Foam       Water Spray (Fog)       Other

Special Fire Fighting Procedures

Water spray may be ineffective and can be used to keep containers cool.

Unusual Fire and Explosion Hazards

N/A\*\*

\*ND - no data

\*\*N/A - not applicable

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SECTION V - HEALTH HAZARD DATA

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Threshold Limit (ACGIH)

100 ppm (575 mg/M<sup>3</sup>) - based on Stoddard Solvent

Permissible Exposure Limit (OSHA)

500 ppm (2950 mg/M<sup>3</sup>) - based on Stoddard Solvent

Effects of Overexposure

Symptoms of overexposure include dizziness, headache, intoxication with euphoria leading to unconsciousness. This solvent, like all petroleum distillants, are central nervous system (CNS) depressants. Nose and throat irritation may occur from inhalation. Prolonged or repeated skin contact will cause defatting and dermatitis. Eye contact with the liquid causes conjunctivitis.

Emergency and First Aid Procedures

- Skin Contact: Wash contact area promptly with soap and water. Promptly remove solvent wet clothing.
- Eye Contact: Wash immediately with large amounts of water.
- Inhalation: Remove to fresh air. If not breathing, use artificial respiration. Seek medical assistance.
- Ingestion: DO NOT induce vomiting. Seek medical assistance.

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SECTION VI - REACTIVITY DATA

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Stability

Stable

Incompatibility (materials to avoid)

Avoid strong oxidizing agents. It can react violently with chlorine, oxygen, or nitric and sulfuric acids.

Hazardous Polymerization

Will not occur.

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SECTION VII - SPILL OR LEAK PROCEDURES

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Steps to be taken in Case Material is Released or Spilled

Contain spill. Eliminate ignition sources. Maintain proper ventilation. Absorb small amounts with absorbents such as sand, dirt or vermiculite. Large amounts may be pumped into containers for recovery or disposal.

Waste Disposal Method

Approved disposal facility

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SECTION VIII - SPECIAL PROTECTION INFORMATION

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Respiratory Protection

Normally not required. In concentrations to 1000 ppm, use a full face chemical cartridge respirator with organic vapor cartridge. For concentrations above 100 ppm, use an airline respirator or self-contained breathing apparatus (SCBA) with full face piece. For escape, use SCBA gear.

Ventilation

Local Exhaust - Recommend to maintain vapor levels below TLV.  
Mechanical (general) -

Protective Gloves

Required <u>X</u>	Optional _____	Not Required _____
Neoprene <u>E</u>	Polyurethane <u>G</u>	Paracril/PVC <u>F</u>
Natural Rubber <u>F</u>	Polyvinyl Chloride <u>F</u>	SBR <u>NR</u>

(E) excellent, (G) good, (F) fair, (P) poor, (NR)-not recommended

Eye Protection

Chemical goggles or face shield (8 in. min.) when splashing may occur.

Other Protective Equipment

An eye wash fountain should be located in area where splashing may occur.

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SECTION IX - SPECIAL PRECAUTIONS

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Precautions to be Taken in Handling and Storage

N/A

Storage Conditions

Keep in cool location, avoid physical damage to containers.

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SECTION X - SHIPPING INFORMATION

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Transportation

DOT Hazard Class\*: Combustible Liquid

IMO Class\*\*: None

DOT Shipping Name\*: Petroleum Naptha

ID No.\*: UN 1255

RQ Quantity\*: None

EPA Hazardous Waste No.\*: D001

\* 49 CFR 172.101

\*\* 49 CFR 172.102

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