

Safety Data Sheet
Mineral Spirits

SECTION I - IDENTIFICATION



Pilot Thomas Logistics
201 N.Rupert St.
Fort Worth, TX 76106
(844)785-8326
PERS-Customer 1896..... (800) 633-8253

PRODUCT NUMBER: 00006
PRODUCT NAME: Mineral Spirits
CHEMICAL FAMILY:
CAS NUMBER: Multiple
DATE PREPARED: 8/1/1997
REVISION NUMBER: 5/28/2014

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

| | |
|--|-------------|
| Flammable Liquids | Category 3 |
| Skin Corrosion/Irritation | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 2A |
| Specific target organ toxicity, single exposure, N | Category 3 |
| Hazardous to the aquatic environment, long-term hazard | Category 2 |

WARNING!

GHS LABEL:



Hazard Statements

| | |
|------|---|
| H226 | Flammable liquid and vapor |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H336 | May cause dizziness or drowsiness |
| H411 | Toxic to aquatic life with long lasting effects |

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Precautionary Statements

- P210 Keep away from heat/sparks/open flames/hot surface - No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/light/equipment, etc.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+352 IF ON SKIN: Wash with soap and water.
- P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
- P312 Call a POISON CENTER or a doctor/physician if you feel unwell.
- P332+313 If skin irritation occurs: get medical advice/attention.
- P337+313 If eye irritation persists get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.
- P370+378 In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.
- P391 Collect spillage.
- P403+233 Store in a well ventilated place. Keep container tightly closed.
- P403+235 Store in a well ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container to an approved waste disposal plant.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

| Component Name | CAS # | Component% | OSHA PEL | ACGIH TLV |
|-----------------|-----------|------------|----------|-----------|
| Dimethylbenzene | 1330-20-7 | < 0.2% | 100 ppm | 100 ppm |

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| | | | | |
|------------------------|-----------|--------|---------|---------|
| Stoddard Solvent | 8052-41-3 | < 100% | 500 ppm | 100 ppm |
| 1,2,4-Trimethylbenzene | 95-63-6 | < 6.0% | 25 ppm | 25 ppm |

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek immediate medical attention.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

Inhalation: Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attention.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Special Fire Fighting Procedures Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

Unusual Fire Fighting Hazards: Product is flammable and may be ignited by heat, sparks, flames or other sources of ignition (e.g., static electricity, pilot lights or mechanical/electrical equipment). Vapors are heavier than air and may accumulate in low areas. Vapors may travel considerable distance to a source of ignition where they can ignite, flashback or explode. May create vapor/air explosion hazard indoors, outdoors or in sewers. If container is not properly cooled, it can explode in the heat of a fire.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep all sources of ignition and hot metal surfaces away from spill or release.

Evacuate all unprotected personnel from the area.

Evacuate all unprotected personnel from the area.

Environmental Precautions: Prevent liquid from entering drains, sewers or waterways.

Contain spill if it can be done with minimal risk.

Notify proper authorities.

Methods for Cleaning Up: Use foam on spills to minimize vapors.

Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.

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SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- Vent container carefully before opening.
 - Bond and ground all equipment when transferring from one vessel to another. The use of explosion-proof equipment is recommended.
 - "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources.
 - Keep containers tightly closed when not in use.
 - Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.
 - NFPA Class II storage.
 - NFPA Class III A storage.
 - NFPA Class III A storage.
 - NFPA Class III A storage.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

| Component Name | CAS # | OSHA PEL | ACGIH TLV |
|------------------------|-----------|----------|-----------|
| Dimethylbenzene | 1330-20-7 | 100 ppm | 100 ppm |
| Stoddard Solvent | 8052-41-3 | 500 ppm | 100 ppm |
| 1,2,4-Trimethylbenzene | 95-63-6 | 25 ppm | 25 ppm |

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

Monitoring: Follow accepted work practices for handling a flammable material.
Do not eat, drink or smoke in areas where this chemical is used or stored.
Have eye wash stations and safety showers readily available.

Personal Protective Equipment (PPE)

Eye Protection: Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

Skin Protection: Impervious solvent resistant gloves.
Impervious apron and work boots recommend where splashing may occur.

Respiratory Protection: Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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| | |
|----------------------------------|----------------------------|
| Appearance | Clear, Colorless Liquid |
| Odor | Aliphatic Hydrocarbon Odor |
| pH@25°C | - |
| Melting/Freezing Point | - |
| Flashpoint | 105°F (TCC), Minimum |
| Specific Gravity | 0.7767 |
| Solubility | Negligible |
| Auto-Ignition Temperature | - |
| Decomposition Temperature | - |
| VOC Content | 100% (6.5#/gal) |
| Odor Threshold | - |
| Boiling Range | 323-415°F |
| Evaporation Point | <1 (Butyl Acetate=1)) |
| Flammable Limits - Upper | 6.0% |
| Flammable Limits - Lower | 1.0% |
| Vapor Pressure | 1.8 mmHg @20°C |
| Vapor Density (Air=1) | 4.8 (Air=1) |
| Viscosity | - |

SECTION X - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extreme heat and ignition sources.

Hazardous Decomposition/Byproducts: Oxides of carbon and nitrogen under incomplete combustion conditions.

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: May cause irritation to the upper respiratory tract and CNS depression.

Eye Contact: Causes eye irritation including stinging, watering and redness which may result in corneal injury.

Skin Contact: Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.

Ingestion: Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.

Toxicity:

| Component Name | LD50 | LC50 |
|------------------------|--|----------------------------------|
| Dimethylbenzene | Oral - rat - 2,840 mg/kg; Dermal - rabbit - 4,500 mg/kg | Inhalation - rat - 4H/6,350 mg/l |
| Stoddard Solvent | Not Established | Not Established |
| 1,2,4-Trimethylbenzene | Oral - Rat - male - 6,000 mg/kg | Inhalation - rat - 4H/18 mg/l |

| Reproductive Effects | Teratogenicity | Mutagenicity | Embryotoxicity | Sensitization to Product | Synergistic Products |
|----------------------|----------------|----------------|----------------|--------------------------|----------------------|
| Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, state, and local regulations. If uncontaminated product becomes waste, its regulated as RCRA hazardous waste #D001

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SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Combustible Liquid, N.O.S.
Contains: Stoddard Solvent
Hazard Class and Label: 15
Identification Number: NA 1993
Packaging Group: III

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

| Acute | Chronic | Fire | Pressure | Reactive |
|-------|---------|------|----------|----------|
| X | X | X | | |

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

| Component Name | CAS # | % by wt. |
|-----------------|-----------|----------|
| Dimethylbenzene | 1330-20-7 | < 0.2% |
| Pseudocumene | 95-63-6 | < 6.0% |

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

| Component Name | CAS # | % by wt. | RQ (lbs.) |
|-----------------|-----------|----------|-----------|
| Dimethylbenzene | 1330-20-7 | < 0.2% | 100 |

SECTION XVI - OTHER INFORMATION

HMIS Health: 1
HMIS Flammability: 2
HMIS Reactivity: 0

Additional:

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