

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

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## Mineral Spirits

### SECTION 1: Identification

#### Product identifier

**Product name:** Mineral Spirits

#### Recommended use of the product and restriction on use

**Relevant identified uses:** Floor prep, Paint Thinner

**Uses advised against:** For Professional Use Only

**Reasons why uses advised against:** Not determined or not applicable.

#### Manufacturer or supplier details

##### Manufacturer:

##### United States

Poloplaz

1 Paradise Park Road

Jacksonville, AR 72076

501-985-1172

www.poloplaz.com

#### Emergency telephone number:

##### United States

Infotrac

1-800-535-5053 (24/7)

### SECTION 2: Hazard(s) identification

#### GHS classification:

Skin irritation, category 2

Flammable liquids, category 3

Specific target organ toxicity - repeated exposure, category 1

#### Label elements

##### Hazard pictograms:



##### Signal word: Danger

#### Hazard statements:

H226 Flammable liquid and vapor

H315 Causes skin irritation

H372 Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

#### Precautionary statements:

P264 Wash skin thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking

P233 Keep container tightly closed

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P240 Ground/bond container and receiving equipment  
P241 Use explosion-proof electrical/ ventilating/ lighting/.../ equipment  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge  
P260 Do not breathe dust/fume/gas/mist/vapors/spray  
P270 Do not eat, drink or smoke when using this product  
P302+P352 IF ON SKIN: Wash with plenty of water/ ...  
P321 Specific treatment (see ... on this label)  
P332+P313 If skin irritation occurs: Get medical advice/attention  
P362 Take off contaminated clothing and wash it before reuse  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P370+P378 In case of fire: Use ... to extinguish  
P314 Get medical advice/attention if you feel unwell  
P403+P235 Store in a well-ventilated place. Keep cool  
P501 Dispose of contents/container to...

**Hazards not otherwise classified:** None

## SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 8052-41-3	Stoddard Solvent with	100

**Additional Information:** None

## SECTION 4: First aid measures

### Description of first aid measures

#### General notes:

Show this Safety Data Sheet to the doctor in attendance.

#### After inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If symptoms develop or persist, seek medical advice/attention.

#### After skin contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

#### After eye contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

#### After swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting

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occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

#### Most important symptoms and effects, both acute and delayed

##### Acute symptoms and effects:

Skin contact may result in redness, pain, burning and inflammation.

Product is highly flammable. Exposure to sources of ignition may cause physical injury.

##### Delayed symptoms and effects:

Effects are dependent on exposure (dose, concentration, contact time).

Causes damage to organs through prolonged or repeated exposure. Effects are dependent on exposure (dose, concentration, contact time).

#### Immediate medical attention and special treatment

##### Specific treatment:

Not determined or not applicable.

##### Notes for the doctor:

Treat symptomatically.

### SECTION 5: Firefighting measures

#### Extinguishing media

##### Suitable extinguishing media:

Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

##### Unsuitable extinguishing media:

Do not use water jet.

#### Specific hazards during fire-fighting:

Flammable liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation.

Thermal decomposition may produce irritating/toxic fumes/gases.

#### Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA with a full-face piece operated in positive pressure mode).

#### Special precautions:

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 300 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions. Fight fire from a maximum distance. Move containers from fire area if you can do it without risk. Use water spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Stand by, at a safe distance, with extinguisher ready for possible re-ignition. A vapor-suppressing foam may be used to reduce vapors. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not handle damaged containers unless specialized to do so.

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts.

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Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Use spark-proof tools and explosion-proof equipment and provide adequate ventilation.

Isolate and post spill area. Remove all sources of ignition. Ventilate the area. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8

#### Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Prevent from reaching drains, sewer or waterway.

Keep material out of lakes, streams, ponds, and sewer drains.

#### Methods and material for containment and cleaning up:

Carefully sweep material into a designated PLASTIC waste container. Collect in plastic containers only.

Remove all sources of ignition, contain and collect spill. Absorb with a noncombustible absorbent material such as sand and containerize for disposal.

Clean and neutralize spill area, tools and equipment by washing with water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13.

#### Reference to other sections:

For disposal see section 13.

See Section 13 for waste disposal.

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Wear gloves and eye protection when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

Avoid skin and eye contact and breathing in vapor. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc.) must be eliminated both in and near the work area. Do NOT smoke. Take precautionary measures against static discharges. Wash hands thoroughly after handling.

Avoid breathing dust/ fume/ gas/mist/vapors/spray. Keep away from all sources of ignition. Avoid contact with skin and eyes.

#### Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated place. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use

Store in cool, dry place and keep container tightly closed. Do not store in direct sunlight.

### SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

#### Occupational Exposure limit values:

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
OSHA	Stoddard Solvent with	8052-41-3	PEL: 525 mg/m <sup>3</sup>
	Stoddard Solvent with	8052-41-3	PEL: 100 ppm
NIOSH	Stoddard Solvent with	8052-41-3	Ceiling Limit: 1800 mg/m <sup>3</sup> (15-min)
	Stoddard Solvent with	8052-41-3	IDLH: 20000 mg/m <sup>3</sup>
	Stoddard Solvent with	8052-41-3	REL: 350 mg/m <sup>3</sup>
ACGIH	Stoddard Solvent with	8052-41-3	8-Hour TWA: 100 ppm
United States(California)	Stoddard Solvent with	8052-41-3	8-Hour TWA: 100 ppm
	Stoddard Solvent with	8052-41-3	8-Hour TWA: 525 mg/m <sup>3</sup>

### Biological limit values:

No biological exposure limits noted for the ingredient(s).

### Information on monitoring procedures:

Not determined or not applicable.

### Appropriate engineering controls:

Effective ventilation in all processing areas.

### Personal protection equipment

#### Eye and face protection:

Safety goggles

Safety goggles or safety glasses with side shields

#### Skin and body protection:

Impervious clothing, chemical resistant gloves

Chemical resistant clothing and gloves

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory protection

### General hygienic measures:

Handle in accordance with good industrial hygiene and safety measures. Wash hands and face after handling chemical products. Wash hands before eating, drinking and smoking. Wash hands at the end of the workday.

Handle in accordance with good industrial hygiene and safety measures. Wash hands and face after handling chemical products. Wash hands before eating, drinking and smoking. Wash hands at the end of the workday. Appropriate techniques should be applied to remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	pale yellow
Odor	mild petroleum odor
Odor threshold	NA
pH	NA
Melting point/freezing point	NA
Initial boiling point/range	161-198C (Stoddard Solvent)
Flash point (closed cup)	101F TCC

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Evaporation rate	0.18 (BuAc =1) (Stoddard Solvent)
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	5.6% (Stoddard Solvent)
Lower flammability/explosive limit	0.8% (Stoddard Solvent)
Vapor pressure	0.27 KPa @ 20C (Stoddard Solvent)
Vapor density	4.9 (Air = 1) (Stoddard Solvent)
Density	NA
Relative density	NA
Solubilities	insoluble in water
Partition coefficient (n-octanol/water)	NA
Auto/Self-ignition temperature	260C (Stoddard Solvent)
Decomposition temperature	NA
Dynamic viscosity	NA
Kinematic viscosity	NA
Explosive properties	NA
Oxidizing properties	NA

### Other information

VOC % weight	100% VOC % weight
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## SECTION 10: Stability and reactivity

### Reactivity:

Stable and non-reactive under normal conditions of use, storage and transport.

### Chemical stability:

Stable under normal storage and handling conditions.

Stable under recommended storage and handling conditions.

### Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

No dangerous reaction known under conditions of normal use.

### Conditions to avoid:

Incompatible materials.

Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.

### Incompatible materials:

Strong oxidizing agents.

Strong oxidizing agents and strong acids.

### Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Carbon oxides (CO<sub>x</sub>).

## SECTION 11: Toxicological information

### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

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Name	Route	Result
Stoddard Solvent with < 0.1% Benzene content	oral	LD50 Rat: > 5000 mg/kg
	inhalation	LC50 Rat: > 5.5 mg/L (4 h)
	dermal	LD50 Rabbit: >3000 mg/kg

### Skin corrosion/irritation

**Assessment:**

Causes skin irritation.

**Product data:**

No data available.

**Substance data:**

Name	Result
Stoddard Solvent with < 0.1% Benzene content	Causes skin irritation.

### Serious eye damage/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):** None of the ingredients are listed.

**National Toxicology Program (NTP):** None of the ingredients are listed.

**OSHA Carcinogens:** Not applicable

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

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**Substance data:** No data available.

### Specific target organ toxicity (repeated exposure)

**Assessment:**

Causes damage to organs through prolonged or repeated exposure.

**Product data:**

No data available.

**Substance data:**

Name	Result
Stoddard Solvent with < 0.1% Benzene content	Causes damage to the Central Nervous System through prolonged or repeated exposure via inhalation.

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

Name	Result
Stoddard Solvent with < 0.1% Benzene content	May be fatal if swallowed and enters airways.

### Information on likely routes of exposure:

No data available.

### Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

**Other information:**

No data available.

## SECTION 12: Ecological information

### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Stoddard Solvent with < 0.1% Benzene content	LC50 Oncorhynchus mykiss: 0.14 mg/L (96 hours)

### Chronic (long-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Stoddard Solvent with < 0.1% Benzene content	NOEC Oncorhynchus mykiss: 0.02 mg/L (30 d)

### Persistence and degradability

**Product data:** No data available.

**Substance data:**



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Name	Result
Stoddard Solvent with	Readily biodegradable.

### Bioaccumulative potential

**Product data:** No data available.

**Substance data:**

Name	Result
Stoddard Solvent with	BCF: 39.66 L/Kg ww; Not considered to be bioaccumulative.

### Mobility in soil

**Product data:** No data available.

**Substance data:**

Name	Result
Stoddard Solvent with	Koc at 20°C: 1451

**Other adverse effects:** No data available.

## SECTION 13: Disposal considerations

### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

### Contaminated packages:

Not determined or not applicable.

## SECTION 14: Transport information

### United States Transportation of dangerous goods (49 CFR DOT)

<b>UN number</b>	UN 1263, Paint, Class 3, Packing Group III, Labels, 3, Emergency Response 128
<b>UN proper shipping name</b>	May classed as a Combustible Liquid for U.S. Ground
<b>UN transport hazard class(es)</b>	None
<b>Packing group</b>	III
<b>Environmental hazards</b>	None
<b>Special precautions for user</b>	None

### International Maritime Dangerous Goods (IMDG)

<b>UN number</b>	UN 1263, Paint, Class 3, Packing Group III, Labels 3
<b>UN proper shipping name</b>	May classed as a Combustible Liquid for U.S. Ground
<b>UN transport hazard class(es)</b>	None
<b>Packing group</b>	III
<b>Environmental hazards</b>	None
<b>Special precautions for user</b>	None
<b>EmS number</b>	1: F_E, 2: S-E

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

<b>UN number</b>	UN 1263, Paint, Class 3, Packing Group III, Labels 3
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UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	III
Environmental hazards	None
Special precautions for user	None
Cargo aircraft only	Packing Instruction 366

## SECTION 15: Regulatory information

### United States regulations

#### Inventory listing (TSCA):

8052-41-3	Stoddard Solvent with	Listed
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**Significant New Use Rule (TSCA Section 5):** Not determined.

**Export notification under TSCA Section 12(b):** Not determined.

#### SARA Section 311/312 hazards:

Acute	Chronic	Fire	Pressure	Reactive
No	No	No	No	No

**SARA Section 302 extremely hazardous substances:** Not determined.

#### SARA Section 313 toxic chemicals:

8052-41-3	Stoddard Solvent with	Not Listed
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**CERCLA:** Not determined.

**RCRA:** Not determined.

**Section 112(r) of the Clean Air Act (CAA):** Not determined.

#### Massachusetts Right to Know:

8052-41-3	Stoddard Solvent with	Listed
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#### New Jersey Right to Know:

8052-41-3	Stoddard Solvent with	Listed
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#### New York Right to Know:

8052-41-3	Stoddard Solvent with	Listed
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#### Pennsylvania Right to Know:

8052-41-3	Stoddard Solvent with	Listed
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**California Proposition 65:** None of the ingredients are listed.

## SECTION 16: Other information

**Abbreviations and Acronyms:** None

### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 2-2-0

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**HMIS:** 2-2-0

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**End of Safety Data Sheet**