



# HI-VALLEY CHEMICAL

LABORATORY PRODUCTS

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# SAFETY DATA SHEET

Hi Valley Chemical

## Mineral Spirits

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Mineral Spirits  
**Synonyms:** 142 Solvent, Odorless Mineral Spirits, Stoddard Solvent  
**SDS Number:** R-068  
**Revision Date:** 1/25/16  
**CAS Number:** 64742-47-8  
**Supplier Details:** High Valley Products, Inc.  
1134 West 850 North  
Centerville, Utah 84014  
**Emergency:** PERS: 800-633-8253  
**Phone:** 801-295-9591  
**Email:** sales@hvchemical.com  
**Web:** www.hvchemical.com

### 2 HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 4  
Health, Aspiration hazard, 1

#### GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



#### GHS Hazard Statements:

H227 - Combustible liquid  
H304 - May be fatal if swallowed and enters airways

#### GHS Precautionary Statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P331 - Do NOT induce vomiting.  
P370 + P378 - In case of fire: Use water spr, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

### 3 COMPOSITION/INFORMATION OF INGREDIENTS

#### Ingredients:

Cas#	%	Chemical Name
64742-47-8		Distillates, petroleum, hydrotreated light

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## FIRST AID MEASURES

<b>Inhalation:</b>	If inhaled, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Skin Contact:</b>	Wash with soap and water. Remove contaminated clothing and wash before reuse.
<b>Eye Contact:</b>	Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.

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## FIRE FIGHTING MEASURES

Extinguishing media  
 Suitable extinguishing media  
 Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture  
 No data available

Advice for firefighters  
 Wear self-contained breathing apparatus for firefighting if necessary.

Further information  
 Keep containers and surroundings cool with water spray.

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## ACCIDENTAL RELEASE MEASURES

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

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions:**

Do not let product enter drains.

**Methods and materials for containment and cleaning up:**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

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## HANDLING AND STORAGE

**Handling Precautions:** Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Ensure equipment is electrically grounded before beginning transfer of material.

**Storage Requirements:** Keep container tightly closed. Store in cool/dry area.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

**Personal Protective Equipment:**

Eyes: Wear as appropriate: Goggles, Face-shield  
 Skin: Wear suitable protective clothing, gloves and eye/face protection.  
 Inhalation: Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection.

Contains no substances with occupational exposure limit values., The following Sasol internal standard would apply: 100 ppm (525 mg/m<sup>3</sup>) for 8-hour TWA (Exposure limits for Petroleum Distillate - Stoddard Solvent)

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## PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Colorless liquid.
<b>Odor:</b>	Solvent-like
<b>Odor Threshold:</b>	No data available
<b>Solubility:</b>	No data available
<b>Spec Grav./Density:</b>	0.803

<b>Viscosity:</b>	1.8 cSt @ 20 °C, 68 °F
<b>Boiling Point:</b>	192 - 211 °C, 376 - 412 °F
<b>Freezing/Melting Pt.:</b>	< -70 °C, < -94 °F
<b>Flash Point:</b>	63 °C, 145 °F
<b>Partition Coefficient:</b>	No data available
<b>Vapor Pressure:</b>	0.32 mm Hg @ 20 °C, 68 °F
<b>Vapor Density:</b>	5.4
<b>pH:</b>	No data available
<b>Evap. Rate:</b>	No data available
<b>Auto-Ignition Temp:</b>	233 °C, 453 °F
<b>Decomp Temp:</b>	No data available
<b>UFL/LFL:</b>	7.0 %(V) / : 0.7 %(V)

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable material at normal ambient temperature and pressure.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Keep away from heat and sources of ignition.
<b>Materials to Avoid:</b>	Oxidizers

## 11 TOXICOLOGICAL INFORMATION

<b>Acute dermal toxicity</b>	LD50 rabbit: 2,000 - 4,000 mg/kg
<b>Acute inhalation toxicity</b>	LC50 rat (4 hours): > 4.3 mg/l All rats survived at indicated concentration.
<b>Acute oral toxicity</b>	LD50 rat: > 5,000 mg/kg
<b>Skin</b>	corrosion/irritation Primary irritation (rabbit): 1.2 (Max. score is 8.0.)
<b>Eye damage/irritation</b>	Primary irritation (rabbit): 1 hours; 3.0 (Max. score is 110.)
<b>Respiratory or skin sensitization</b>	no data available
<b>Germ cell mutagenicity</b>	
<b>Genotoxicity in vitro:</b>	no data available
<b>Genotoxicity in vivo:</b>	no data available
<b>Assessment Mutagenicity:</b>	no data available
<b>Reproductive toxicity</b>	no data available
<b>Assessment Reproductive toxicity:</b>	no data available
<b>Teratogenicity:</b>	no data available
<b>Assessment teratogenicity:</b>	no data available
<b>STOT - single exposure</b>	no data available
<b>STOT - repeated exposure</b>	no data available
<b>Aspiration toxicity</b>	May be fatal if swallowed and enters airways.
<b>Carcinogenicity Assessment carcinogenicity:</b>	Contains no ingredient listed as a carcinogen

## 12 ECOLOGICAL INFORMATION

<b>Aquatic toxicity</b>	Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.
<b>Toxicity to fish</b>	no data available
<b>Toxicity to aquatic invertebrates</b>	no data available
<b>Toxicity to algae</b>	no data available
<b>Chronic toxicity to fish</b>	no data available
<b>Chronic toxicity to aquatic invertebrates</b>	no data available
<b>Biodegradation</b>	Readily biodegradable. OECD Test Guideline 301F (28 d): 97 %
<b>Bioaccumulation</b>	no data available
<b>Mobility in soil</b>	no data available
<b>Other adverse effects</b>	no data available

## 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

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## TRANSPORT INFORMATION

Not DOT regulated. (49 CFR 173.120(b)(3)).

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## REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Distillates, petroleum, hydrotreated light (64742-47-8) [n/a%] TSCA

Regulatory CODE Descriptions

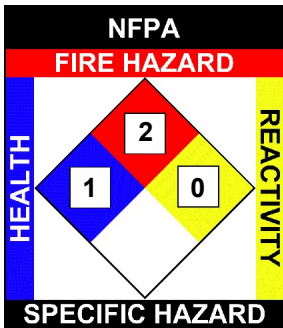
TSCA = Toxic Substances Control Act

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## OTHER INFORMATION

NFPA: Health = 1, Fire = 2, Reactivity = 0, Specific Hazard = n/a

HMIS III: Health = 1, Fire = 2, Physical Hazard = 0



HMIS	
HEALTH	<input type="checkbox"/> 1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	<input type="checkbox"/>

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