

**Mineral Spirits (Odourless)****SECTION 1. IDENTIFICATION**

<b>Product Identifier</b>	Mineral Spirits (Odourless)
<b>Other Means of Identification</b>	Naphtha (petroleum), hydrotreated heavy
<b>Product Code(s)</b>	MI5215
<b>Product Family</b>	Organic Solvent
<b>Recommended Use</b>	Industrial.
<b>Restrictions on Use</b>	None known.
<b>Supplier Identifier</b>	Alphachem Limited, 2485 Milltower Court, Mississauga, Ontario, L5N 5Z6, (905) 821-2995
<b>Emergency Phone No.</b>	CANUTEC CANADA, 613-996-6666, 24 Hours
<b>SDS No.</b>	0095

**SECTION 2. HAZARD IDENTIFICATION**

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

**Classification**

Flammable liquid - Category 3; Aspiration hazard - Category 1

**Label Elements**

Signal Word:  
Danger

**Hazard Statement(s):**

Flammable liquid and vapour.  
Causes mild skin irritation.  
Causes eye irritation.  
Harmful if inhaled.  
May be fatal if swallowed and enters airways.

**Precautionary Statement(s):**

Do not spray on an open flame or other ignition source.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Do not get in eyes, on skin, or on clothing.  
Wash hands and skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Take precautionary measures against static discharge.

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Product Identifier:	Mineral Spirits (Odourless) - Ver. 1
Date of Preparation:	August 26, 2015
Date of Last Revision:	July 12, 2017

Use only outdoors or in a well-ventilated area.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of water/

If skin irritation or rash occurs: Get medical advice or attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Immediately call a POISON CENTRE or doctor.

Store in a well-ventilated place. Keep container tightly closed.

#### Other Hazards

Hazardous to the environment. Shock sensitive. May be a health and fire hazard in a confined space.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Naphtha (petroleum), hydrotreated heavy	64742-48-9	100	Low boiling point hydrogen treated naphtha	

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Keep at rest in a position comfortable for breathing.

##### Skin Contact

Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. Immediately call a Poison Centre or doctor. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. If skin irritation or a rash occurs, get medical advice or attention.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face.

##### Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Rinse mouth with water.

##### First-aid Comments

Some of the first-aid procedures recommended here require advanced first-aid training. If exposed or concerned, get medical advice or attention.

#### Most Important Symptoms and Effects, Acute and Delayed

Can harm the nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

#### Immediate Medical Attention and Special Treatment

##### Special Instructions

General advice, consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Special "alcohol resistant fire-fighting foams". Carbon dioxide, dry chemical powder, appropriate foam, water spray

Product Identifier: Mineral Spirits (Odourless) - Ver. 1

Date of Preparation: August 26, 2015

Date of Last Revision: July 12, 2017

Page 02 of 07

or fog.

### Unsuitable Extinguishing Media

Do not use a solid (straight) water stream as it may scatter and spread fire.

### Specific Hazards Arising from the Product

May travel a considerable distance to a source of ignition and flash back to a leak or open container. May accumulate in hazardous amounts in low-lying areas especially inside confined spaces, resulting in a fire hazard. Can be ignited by static discharge.

Very toxic carbon monoxide, carbon dioxide.

### Special Protective Equipment and Precautions for Fire-fighters

Use extreme caution. Evacuate area. Stop leak before attempting to put out the fire. Product could form an explosive mixture and reignite. Fight fire from a protected, explosion-resistant location or maximum distance possible. For a massive fire, immediately evacuate the area and use unmanned hose holder or monitor nozzles.

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Emergency responders: evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Evacuate downwind locations. May accumulate in hazardous amounts in low-lying areas especially inside confined spaces, if ventilation is not sufficient. Distant ignition and flashback are possible. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Eliminate all ignition sources if safe to do so. Monitor area for flammable or explosive atmosphere. Before entry, especially into confined areas, check atmosphere with an appropriate monitor.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway. It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. Ventilate the area to prevent the gas from accumulating, especially in confined spaces. Contain and soak up spill with absorbent that does not react with spilled product. Dike spilled product to prevent runoff. Dike and recover contaminated water for appropriate disposal. Review Section 13 (Disposal Considerations) of this safety data sheet. Contact emergency services and manufacturer/supplier for advice.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Wear personal protective equipment to avoid direct contact with this chemical. Do not get in eyes, on skin or on clothing. Prevent accidental contact with incompatible chemicals. Use non-sparking tools. Do not use near welding operations or other high energy sources. Do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use. Avoid release to the environment. Only use where there is adequate ventilation.

### Conditions for Safe Storage

Store in an area that is: well-ventilated. Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity). Separate from incompatible materials (see Section 10: Stability and Reactivity). Store in a closed container. Have escape-type respiratory protective equipment readily available, in case of leaks or spills. Comply with all applicable health and safety regulations, fire and building codes.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Naphtha (petroleum), hydrotreated heavy	Not established		Not established			

### Appropriate Engineering Controls

Product Identifier: Mineral Spirits (Odourless) - Ver. 1

Date of Preparation: August 26, 2015

Date of Last Revision: July 12, 2017

General ventilation is usually adequate. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air. Provide eyewash and safety shower if contact or splash hazard exists.

#### Individual Protection Measures

##### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

##### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

##### Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an appropriate cartridge, wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Clear colourless liquid.
<b>Odour</b>	Gasoline-like
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	> -60 °C (-76 °F) (melting)
<b>Initial Boiling Point/Range</b>	177 - 197 °C (351 - 387 °F)
<b>Flash Point</b>	54.0 °C (129.2 °F) (closed cup)
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	9.3% (upper); 1.2% (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	> 5.4
<b>Relative Density (water = 1)</b>	0.76
<b>Solubility</b>	Insoluble in water; Soluble in all proportions in aromatic hydrocarbons (e.g. toluene).
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	349 °C (660 °F)
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Incompatible materials.

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Product Identifier: Mineral Spirits (Odourless) - Ver. 1  
Date of Preparation: August 26, 2015  
Date of Last Revision: July 12, 2017

**Incompatible Materials**

Strong oxidizing agents (e.g. perchloric acid).

**Hazardous Decomposition Products**

Very toxic carbon monoxide, carbon dioxide.

**SECTION 11. TOXICOLOGICAL INFORMATION****Likely Routes of Exposure**

Inhalation; skin contact; eye contact; ingestion.

**Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Naphtha (petroleum), hydrotreated heavy	> 7630 mg/m <sup>3</sup> (rat)	> 5000 mg/kg (rat)	> 2000 mg/kg (rabbit)

**Skin Corrosion/Irritation**

Animal tests show very mild irritation.

**Serious Eye Damage/Irritation**

Animal tests show very mild irritation.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

May cause nose and throat irritation, severe lung injury. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest.

**Skin Absorption**

Skin to darken. Symptoms may include redness, rash, swelling and itching.

**Ingestion**

May cause depression of the central nervous system.

**Aspiration Hazard**

May be drawn into the lungs (aspirated) if swallowed or vomited. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing, and wheezing.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

Harmful effects similar to STOT (Specific Target Organ Toxicity) - Single Exposure, as described above.

**Respiratory and/or Skin Sensitization**

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
Naphtha (petroleum), hydrotreated heavy	Group 3	A4	Not Listed	

IARC: Group 3 – Not classifiable as to its carcinogenicity to humans. ACGIH®: A4 – Not classifiable as a human carcinogen.

**Key to Abbreviations**

IARC = International Agency for Research on Cancer.

ACGIH® = American Conference of Governmental Industrial Hygienists.

NTP = National Toxicology Program.

OSHA = US Occupational Safety and Health Administration.

**Reproductive Toxicity****Development of Offspring**

Not known to harm the unborn child.

Product Identifier: Mineral Spirits (Odourless) - Ver. 1

Date of Preparation: August 26, 2015

Date of Last Revision: July 12, 2017

Page 05 of 07

**Sexual Function and Fertility**

No information was located.

**Effects on or via Lactation**

No information was located.

**Germ Cell Mutagenicity**

Not known to be a mutagen.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

This section is not required by WHMIS. This section is not required by OSHA HCS 2012.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Dispose of contents and container in accordance with local, regional, national and international regulations. Dispose of or recycle empty containers through an approved waste management facility.

**SECTION 14. TRANSPORT INFORMATION**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	UN1268	Petroleum Distillates, N.O.S	3	III
Canadian TDG	UN1268	Petroleum Distillates, N.O.S	3	III

**Environmental Hazards** Environmentally Hazardous Substance

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15. REGULATORY INFORMATION****Safety, Health and Environmental Regulations****Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

Listed on the DSL.

**USA****Toxic Substances Control Act (TSCA) Section 8(b)**

Listed on the TSCA Inventory.

**SECTION 16. OTHER INFORMATION**

**SDS Prepared By** Alphachem Limited

**Phone No.** (905)-821-2995

**Date of Preparation** August 26, 2015

**Date of Last Revision** July 12, 2017

Product Identifier: Mineral Spirits (Odourless) - Ver. 1

Date of Preparation: August 26, 2015

Date of Last Revision: July 12, 2017

**Disclaimer**

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