

**Material Safety Data Sheet**  
acc. to ISO/DIS 11014

Printing date 06/23/2003

Reviewed on 06/23/2003

**1 Identification of substance**

**Trade name:** MINERAL SPIRITS  
**Product code:** CV01388437  
**Manufacturer/Supplier:** SEYMOUR OF SYCAMORE  
 917 Crosby Avenue  
 Sycamore, IL 60178  
 (815)-895-9101  
**Information department:** Health & Safety Department  
**Emergency information:** CHEMTEL 1-800-255-3924



**2 Composition/Data on components**

**Chemical Description:** This product is a mixture of the substances listed below with nonhazardous additions.

**Dangerous components:**

64742-47-8	Mineral Spirits	Xn, F; R 11-65	84,96%
74-98-6	propane	F+; R 12	9,47%
106-97-8	n-butane	F+; R 12	5,56%

**Additional information:** For the wording of the listed risk phrases refer to section 3.

**3 Hazards identification**

**Hazard description:**  F+ Extremely flammable

**Physical and environmental dangers:** Warning! Pressurized container.  
 R 12 Extremely flammable.  
 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.  
 Keep out of the reach of children.

**NFPA ratings (scale 0 - 4):** Health = 1  
 Fire = 4

**HMIS-ratings (scale 0 - 4):** Reactivity = 3  
 Health = 1  
 Fire = 3  
 Physical Hazard = 3

**4 First aid measures**

**After inhalation:** Supply fresh air; consult doctor in case of complaints.  
**After skin contact:** Generally the product does not irritate the skin.  
**After eye contact:** Rinse opened eye for several minutes under running water.  
**After swallowing:** Consult a doctor if symptoms persist.

**5 Fire fighting measures**

**Extinguishing agents:** CO2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.  
**Protective equipment:** No special measures required.

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**6 Accidental release measures**

**Personal safety precautions:**

Wear protective equipment. Keep unprotected persons away.

**Environmental safety precautions:**

Do not allow product to reach sewage systems or ground water. Inform appropriate authorities in case of seepage into water course or sewage system.

**Measures for cleaning/collecting:**

Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up spills with inert absorbent material. Refer to section 13 for disposal information.

**7 Handling and storage**

**Safe handling information:**

Ensure good ventilation/exhaustion at the workplace. Handle carton and cans with care.

**Fire/explosion protection:**

Do not spray on a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

**Storage requirements:**

Observe official regulations on storing packagings with pressurized containers. Consult with your local authorities. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.

**8 Exposure controls and personal protection:**

**Components with limit values that require monitoring at the workplace:**

**74-98-6 propane**

PEL (USA)	1800 mg/m <sup>3</sup> , 1000 ppm
REL (USA)	1800 mg/m <sup>3</sup> , 1000 ppm
TLV (USA)	4508 mg/m <sup>3</sup> , 2500 ppm

**106-97-8 n-butane**

REL (USA)	1900 mg/m <sup>3</sup> , 800 ppm
TLV (USA)	1900 mg/m <sup>3</sup> , 800 ppm

**Protective hygienic measures:**

Wash hands before breaks and at the end of work.

**Breathing equipment:**

For episodes of brief exposure, use a respiratory filter device. In cases of intensive or longer exposures, use a respiratory protective device that is independent of circulating air.

**Protection of hands:**

Use suitable respiratory protective device in case of insufficient ventilation. Due to missing tests, no glove material recommendation can be given.

**Eye protection:**

Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given. Tightly sealed goggles

**9 Physical and chemical properties:**

**General Information:**

<b>Form:</b>	Aerosol
<b>Color:</b>	According to trade name description in section 1.
<b>Boiling point/Boiling range:</b>	-44°C
<b>Flash point:</b>	-19°C
<b>Ignition temperature:</b>	210°C

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<b>Auto igniting:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Heating may cause an explosion. In use, may form flammable/explosive vapour-air mixture.
<b>Lower Explosion Limit:</b>	0,5 Vol %
<b>Upper Explosion Limit:</b>	6,5 Vol %
<b>Vapor pressure at 20°C:</b>	2 hPa
<b>Density at 20°C:</b>	0,837 g/cm <sup>3</sup>
<b>Specific Gravity:</b>	Between 0.77 and 0.90 (Water equals 1.00)
<b>VOC content:</b>	1,00 kg/l / 8,35 lb/gl
<b>VOC in weight percent (less acetone):</b>	100,0 %

**10 Stability and reactivity:**

**Conditions to be avoided:** Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.  
**Dangerous reactions:** No dangerous reactions known.

**11 Toxicological information:**

**Primary effect on the skin:** No irritant effect.  
**Primary effect on the eye:** No irritating effect.  
**Sensitization:** No sensitizing effects known.

**12 Ecological information**

**Other information:** This product does not contain any chlorinated solvents or lead. No specific ecological data is available for this product.

**13 Disposal considerations**

**Recommendation:** Do not dispose with household garbage. Do not allow product to reach sewage system.

**14 Transport information:**

<b>Hazard class:</b>	2.1
<b>Identification number:</b>	N/A
<b>Label</b>	2.1
<b>ADR/RID class:</b>	2 5F Gases
<b>UN-Number:</b>	1950
<b>IMDG Class:</b>	2
<b>Packaging group:</b>	II
<b>EMS Number:</b>	F-D,S-U
<b>Marine pollutant:</b>	No
<b>ICAO/IATA Class:</b>	2.1
<b>Propper shipping name:</b>	Aerosols, Flammable Consumer Commodity ORM-D

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**15 Regulations**

**SARA Section 355 (extremely hazardous substances):**

None of the ingredients in this product are listed.

**SARA Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):**

All ingredients are listed.

**PROPOSITION 65 Chemicals known to cause cancer:**

None of the ingredients in this product are listed.

**PROPOSITION 65 Chemicals known to cause reproductive toxicity:**

None of the ingredients in this product are listed.

**Canadian WHMIS:** This product has been classified according to the Controlled Product Regulations and the MSDS contains all the necessary information required by the CPR.

Class B, D5---Flammable Aerosols

**EPA:** A= Known human carcinogen      B= Probable human carcinogen

C= Possible human carcinogen

D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).

A= Known human carcinogen      B= Probable human carcinogen

C= Possible human carcinogen

D= Not classifiable as to human carcinogenicity: Inadequate human and animal evidence of carcinogenicity (or no data is available).

**IARC:**

Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.

Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

**ACGIH TLVs:** A1-designates a confirmed human carcinogen.

A2-designates a suspected human carcinogen.

A3-designates an animal carcinogen.

A4-designates "not classifiable as a human carcinogen".

A1-designates a confirmed human carcinogen.

A2-designates a suspected human carcinogen.

A3-designates an animal carcinogen.

A4-designates "not classifiable as a human carcinogen".

**NIOSH:**

None of the ingredients is listed.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Contact:** Craig Swafford  
Regulatory Affairs