

**SECTION 1: IDENTIFICATION****Product Identifier****Product Form:** Mixture**Product Name:** HELMISTIK 1675, HELMISTIK 1675RD**Intended Use of the Product****Use of the Substance/Mixture:** No use is specified.**Name, Address, and Telephone of the Responsible Party****Company**

Helmitin Inc.

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**Emergency Telephone Number****Emergency Number** : CANUTEC 613-996-6666 / CHEMTREC 1-800-424-9300**SECTION 2: HAZARDS IDENTIFICATION****Classification of the Substance or Mixture****Classification (GHS-US)**

Flam. Gas 1 H220

Compressed gas H280

Eye Irrit. 2A H319

STOT SE 3 H336

Full text of H-phrases: see section 16

**Label Elements****GHS-US Labeling****Hazard Pictograms (GHS-US)** :

GHS02



GHS04



GHS07

**Signal Word (GHS-US)** :

Danger

**Hazard Statements (GHS-US)** :

: H220 - Extremely flammable gas.

: H280 - Contains gas under pressure; may explode if heated.

: H319 - Causes serious eye irritation.

: H336 - May cause drowsiness or dizziness.

**Precautionary Statements (GHS-US)** :

: P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.

: P261 - Avoid breathing gas.

: P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

: P271 - Use only outdoors or in a well-ventilated area.

: P280 - Wear respiratory protection, protective gloves, protective clothing, face protection, eye protection.

: P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

: P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P312 - Call a poison center or doctor if you feel unwell.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P377 - Leaking gas fire: Do not extinguish, unless leak can be stopped safely.  
P381 - Eliminate all ignition sources if safe to do so.  
P403 - Store in a well-ventilated place.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

### Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Flammable vapors can accumulate in head space of closed systems.

**Unknown Acute Toxicity (GHS-US)** Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

Name	Product Identifier	% (w/w)
Methyl acetate	(CAS No) 79-20-9	45 -70
Resin acids and rosin acids, esters with pentaerythritol	(CAS No) 8050-26-8	10 – 30
Propane	(CAS No) 74-98-6	5 – 10
Butane	(CAS No) 106-97-8	5 – 10
Carbon dioxide	(CAS No) 124-38-9	0.5 – 1.5

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Rinse affected area with water for at least 5 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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

**General:** Causes serious eye irritation. May cause drowsiness and dizziness.

**Inhalation:** May cause drowsiness or dizziness.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** Causes serious eye irritation. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, dry chemical, or sand.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Extremely flammable gas.

**Explosion Hazard:** May form flammable/explosive vapor-air mixture.

**Reactivity:** Reacts with (strong) oxidizers: (increased) risk of fire.

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### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

**Firefighting Instructions:** Exercise caution when fighting any chemical fire. Leaking gas fire: Do not extinguish, unless leak can be stopped safely. In case of leaking gas fire, eliminate all ignition sources if safe to do so.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Burning can produce carbon monoxide, carbon dioxide, chloride and hydrocarbons. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

### Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, gas). Use special care to avoid static electric charges. Keep away from heat, sparks, open flames, hot surfaces. – No smoking.

### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Do not take up in combustible material such as: saw dust or cellulosic material.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Use only non-sparking tools.

### Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Additional Hazards When Processed:** Handle empty containers with care because residual vapors are flammable. Extremely flammable gas.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting equipment. Use only non-sparking tools.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

### Specific End Use(s)

No use is specified.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Propane (74-98-6)		
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
USA IDLH	US IDLH (ppm)	2100 ppm (10% LEL)

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<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	1000 ppm
<b>Butane (106-97-8)</b>		
<b>USA ACGIH</b>	ACGIH STEL (ppm)	1000 ppm
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA) (ppm)	800 ppm
<b>Methyl acetate (79-20-9)</b>		
<b>USA ACGIH</b>	ACGIH TWA (ppm)	200 ppm
<b>USA ACGIH</b>	ACGIH STEL (ppm)	250 ppm
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	610 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	200 ppm
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	610 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA) (ppm)	200 ppm
<b>USA NIOSH</b>	NIOSH REL (STEL) (mg/m <sup>3</sup> )	760 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (STEL) (ppm)	250 ppm
<b>USA IDLH</b>	US IDLH (ppm)	3100 ppm (10% LEL)
<b>Alberta</b>	OEL STEL (mg/m <sup>3</sup> )	757 mg/m <sup>3</sup>
<b>Alberta</b>	OEL STEL (ppm)	250 ppm
<b>Alberta</b>	OEL TWA (mg/m <sup>3</sup> )	606 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA (ppm)	200 ppm
<b>British Columbia</b>	OEL STEL (ppm)	250 ppm
<b>British Columbia</b>	OEL TWA (ppm)	200 ppm
<b>Manitoba</b>	OEL STEL (ppm)	250 ppm
<b>Manitoba</b>	OEL TWA (ppm)	200 ppm
<b>New Brunswick</b>	OEL STEL (mg/m <sup>3</sup> )	757 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL STEL (ppm)	250 ppm
<b>New Brunswick</b>	OEL TWA (mg/m <sup>3</sup> )	606 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA (ppm)	200 ppm
<b>Newfoundland &amp; Labrador</b>	OEL STEL (ppm)	250 ppm
<b>Newfoundland &amp; Labrador</b>	OEL TWA (ppm)	200 ppm
<b>Nova Scotia</b>	OEL STEL (ppm)	250 ppm
<b>Nova Scotia</b>	OEL TWA (ppm)	200 ppm
<b>Nunavut</b>	OEL STEL (mg/m <sup>3</sup> )	760 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL (ppm)	250 ppm
<b>Nunavut</b>	OEL TWA (mg/m <sup>3</sup> )	605 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA (ppm)	200 ppm
<b>Northwest Territories</b>	OEL STEL (mg/m <sup>3</sup> )	760 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL STEL (ppm)	250 ppm
<b>Northwest Territories</b>	OEL TWA (mg/m <sup>3</sup> )	605 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL TWA (ppm)	200 ppm
<b>Ontario</b>	OEL STEL (ppm)	250 ppm
<b>Ontario</b>	OEL TWA (ppm)	200 ppm
<b>Prince Edward Island</b>	OEL STEL (ppm)	250 ppm
<b>Prince Edward Island</b>	OEL TWA (ppm)	200 ppm
<b>Québec</b>	VECD (mg/m <sup>3</sup> )	757 mg/m <sup>3</sup>
<b>Québec</b>	VECD (ppm)	250 ppm
<b>Québec</b>	VEMP (mg/m <sup>3</sup> )	606 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (ppm)	200 ppm
<b>Saskatchewan</b>	OEL STEL (ppm)	250 ppm
<b>Saskatchewan</b>	OEL TWA (ppm)	200 ppm
<b>Yukon</b>	OEL STEL (mg/m <sup>3</sup> )	760 mg/m <sup>3</sup>

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<b>Yukon</b>	OEL STEL (ppm)	250 ppm
<b>Yukon</b>	OEL TWA (mg/m <sup>3</sup> )	610 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA (ppm)	200 ppm
<b>Carbon dioxide (124-38-9)</b>		
<b>USA ACGIH</b>	ACGIH TWA (ppm)	5000 ppm
<b>USA ACGIH</b>	ACGIH STEL (ppm)	30000 ppm
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	5000 ppm
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA) (ppm)	5000 ppm
<b>USA NIOSH</b>	NIOSH REL (STEL) (mg/m <sup>3</sup> )	54000 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (STEL) (ppm)	30000 ppm
<b>USA IDLH</b>	US IDLH (ppm)	40000 ppm
<b>Alberta</b>	OEL STEL (mg/m <sup>3</sup> )	54000 mg/m <sup>3</sup>
<b>Alberta</b>	OEL STEL (ppm)	30000 ppm
<b>Alberta</b>	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA (ppm)	5000 ppm
<b>British Columbia</b>	OEL STEL (ppm)	15000 ppm
<b>British Columbia</b>	OEL TWA (ppm)	5000 ppm
<b>Manitoba</b>	OEL STEL (ppm)	30000 ppm
<b>Manitoba</b>	OEL TWA (ppm)	5000 ppm
<b>New Brunswick</b>	OEL STEL (mg/m <sup>3</sup> )	54000 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL STEL (ppm)	30000 ppm
<b>New Brunswick</b>	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA (ppm)	5000 ppm
<b>Newfoundland &amp; Labrador</b>	OEL STEL (ppm)	30000 ppm
<b>Newfoundland &amp; Labrador</b>	OEL TWA (ppm)	5000 ppm
<b>Nova Scotia</b>	OEL STEL (ppm)	30000 ppm
<b>Nova Scotia</b>	OEL TWA (ppm)	5000 ppm
<b>Nunavut</b>	OEL STEL (mg/m <sup>3</sup> )	27000 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL (ppm)	15000 ppm
<b>Nunavut</b>	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA (ppm)	5000 ppm
<b>Northwest Territories</b>	OEL STEL (mg/m <sup>3</sup> )	27000 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL STEL (ppm)	15000 ppm
<b>Northwest Territories</b>	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL TWA (ppm)	5000 ppm
<b>Ontario</b>	OEL STEL (ppm)	30000 ppm
<b>Ontario</b>	OEL TWA (ppm)	5000 ppm
<b>Prince Edward Island</b>	OEL STEL (ppm)	30000 ppm
<b>Prince Edward Island</b>	OEL TWA (ppm)	5000 ppm
<b>Québec</b>	VECD (mg/m <sup>3</sup> )	54000 mg/m <sup>3</sup>
<b>Québec</b>	VECD (ppm)	30000 ppm
<b>Québec</b>	VEMP (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (ppm)	5000 ppm
<b>Saskatchewan</b>	OEL STEL (ppm)	30000 ppm
<b>Saskatchewan</b>	OEL TWA (ppm)	5000 ppm
<b>Yukon</b>	OEL STEL (mg/m <sup>3</sup> )	27000 mg/m <sup>3</sup>
<b>Yukon</b>	OEL STEL (ppm)	15000 ppm
<b>Yukon</b>	OEL TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA (ppm)	5000 ppm

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### Exposure Controls

**Appropriate Engineering Controls:** Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective goggles. Gloves. Face shield. Insufficient ventilation: wear respiratory protection. Full protective flameproof clothing.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Gas (Aerosol)
Appearance	: Light amber to red liquid
Odor	: Etherial odor
Odor Threshold	: Not available
pH	: Not applicable
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Propellant: -24.4 °C (-11.9 °F) ; Concentrate: 56 °C (132.8 °F)
Flash Point	: -105 °C (-157 °F) (Tag Closed Cup)
Auto-ignition Temperature	: Concentrate: >465 °C (869 °F)
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Propellant: 1.8%; Concentrate: 3.1%
Upper Flammable Limit	: Propellant: 9.5%; Concentrate: 16.0%
Vapor Pressure	: Propellant: 70 psig (3620 mmHg) @20 °C; Concentrate: 171 mmHg @20 °C
Relative Vapor Density at 20 °C	: Not available
Relative Density	: 0.95 g/mL (Concentrate)
Specific Gravity	: 0.95 @ 20 °C (Concentrate)
Solubility	: Not soluble in water
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Do not subject aerosol products to mechanical impact
Explosion Data – Sensitivity to Static Discharge	: Yes, in certain circumstances product can ignite due to static discharge.
VOC Content (SCAQMD Rule 1168)	: 77 g/L (0.63 lbs/gal)
VHAP Content	: 0.0 lbs/lb solids

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### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Reacts with (strong) oxidizers: (increased) risk of fire.

**Chemical Stability:** Extremely flammable gas.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not classified

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** May cause drowsiness or dizziness.

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May cause drowsiness or dizziness.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

#### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

Methyl acetate (79-20-9)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 5 g/kg
LC50 Inhalation Rat	16000 ppm/4h

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity** No additional information available

Methyl acetate (79-20-9)	
LC50 Fish 1	295 - 348 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	1026.7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	250 - 350 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])

#### Persistence and Degradability

#### Bioaccumulative Potential

Methyl acetate (79-20-9)	
Log Pow	0.18

  

Carbon dioxide (124-38-9)	
BCF Fish 1	(no bioaccumulation)
Log Pow	0.83

**Mobility in Soil** Not available

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### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Additional Information:** Handle empty containers with care because residual product is flammable.

**Ecology – Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

### In Accordance with DOT

**Proper Shipping Name** : CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.(Petroleum Gases, Liquefied; Methyl Acetate)  
**Hazard Class** : 2.1  
**Identification Number** : UN3501  
**Label Codes** : 2.1  
**ERG Number** : 115



### In Accordance with IMDG

**Proper Shipping Name** : CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.(Petroleum Gases, Liquefied; Methyl Acetate)  
**Hazard Class** : 2  
**Identification Number** : UN3501  
**Label Codes** : 2.1  
**EmS-No. (Fire)** : F-D  
**EmS-No. (Spillage)** : S-U



### In Accordance with IATA\*

**Proper Shipping Name** : CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (Petroleum Gases, Liquefied; Methyl Acetate)  
**Identification Number** : UN3501  
**Hazard Class** : 2.1  
**Label Codes** : 2.1



\*According to IATA, Forbidden to transport via passenger craft. If shipping on cargo aircraft, adhere to special provisions A1 and A187.

### In Accordance with TDG

**Proper Shipping Name** : CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.(Petroleum Gases, Liquefied; Methyl Acetate)  
**Hazard Class** : 2.1  
**Identification Number** : 3501  
**Label Codes** : 2.1



## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

<b>SARA Section 311/312 Hazard Classes</b>	Immediate (acute) health hazard
<b>Propane (74-98-6)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Butane (106-97-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Methyl acetate (79-20-9)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>EPA TSCA Regulatory Flag</b>	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
<b>Resin acids and rosin acids, esters with pentaerythritol (8050-26-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Carbon dioxide (124-38-9)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### US State Regulations



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<b>Propane (74-98-6)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Butane (106-97-8)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Methyl acetate (79-20-9)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Carbon dioxide (124-38-9)</b>
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

### Canadian Regulations

WHMIS Classification
<b>Propane (74-98-6)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Butane (106-97-8)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Methyl acetate (79-20-9)</b>
Listed on the Canadian DSL (Domestic Substances List) Listed on the Canadian IDL (Ingredient Disclosure List) IDL Concentration 1 %
<b>Resin acids and rosin acids, esters with pentaerythritol (8050-26-8)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Carbon dioxide (124-38-9)</b>
Listed on the Canadian DSL (Domestic Substances List) Listed on the Canadian IDL (Ingredient Disclosure List) IDL Concentration 1 %

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

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 11/27/2017  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### GHS Full Text Phrases:

H220	Extremely flammable gas
H280	Contains gas under pressure; may explode if heated
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

North America GHS US 2012 & WHMIS 2015