

## Safety Data Sheet



### Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product identifier

- Product Name** • **Synthetic Gun Oil Liquid**
- Synonyms** • BIRCHWOOD CASEY® SYNTHETIC GUN OIL
- Product Code** • 44123; 44128; 44132; BCO4; GOP2; GO-QT

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

- Relevant identified use(s)** • Superior Gun Oil for firearm metal parts

#### 1.3 Details of the supplier of the safety data sheet

- Manufacturer** • Birchwood Casey, LLC  
7887 Fuller Road, Suite 100  
Eden Prairie, MN 55344  
United States  
www.birchwoodcasey.com  
Customerservice@birchwoodcasey.com
- Telephone (General)** • 952-388-6717

#### 1.4 Emergency telephone number

- Manufacturer** • 1-800-424-9300 - CHEMTREC

### Section 2: Hazards Identification

#### EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]  
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

#### 2.1 Classification of the substance or mixture

- CLP** • Skin Irritation 2 - H315
- DSD/DPD** • Irritant (Xi)  
R38

#### 2.2 Label Elements

CLP

#### WARNING



- Hazard statements** • H315 - Causes skin irritation

#### Precautionary statements

- Prevention** ● P264 - Wash thoroughly after handling.  
P280 - Wear protective gloves .
- Response** ● P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P321 - Specific treatment, see supplemental first aid information.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P362 - Take off contaminated clothing and wash before reuse.

**DSD/DPD**



- Risk phrases** ● R38 - Irritating to skin.

**2.3 Other Hazards**

- CLP** ● According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.
- DSD/DPD** ● According to European Directive 1999/45/EC this material is considered dangerous.

**United States (US)**

According to: OSHA 29 CFR 1910.1200 HCS

**2.1 Classification of the substance or mixture**

- OSHA HCS 2012**
- Aspiration 1
  - Skin Irritation 2
  - Eye Irritation 2A
  - Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
  - Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects

**2.2 Label elements**

**OSHA HCS 2012**

**DANGER**



- Hazard statements** ● May be fatal if swallowed and enters airways  
Causes skin irritation  
Causes serious eye irritation  
May cause respiratory irritation  
May cause drowsiness or dizziness

**Precautionary statements**

- Prevention** ● Avoid breathing mist/vapours/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves .  
Wear eye/face protection , .
- Response** ● IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
IF ON SKIN: Wash with plenty of soap and water.  
Specific treatment, see supplemental first aid information.  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
Do NOT induce vomiting.

- Storage/Disposal**
- Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## 2.3 Other hazards

### OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Canada

According to: WHMIS

## 2.1 Classification of the substance or mixture

### WHMIS

- Other Toxic Effects - D2B

## 2.2 Label elements

### WHMIS



- Other Toxic Effects - D2B

## 2.3 Other hazards

### WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

## Section 3 - Composition/Information on Ingredients

### 3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

### 3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Hydrotreated light naphthenic petroleum distillate (highly refined)	<b>CAS:</b> 64742-53-6 <b>EC Number:</b> 265-156-6	< 98%	NDA	<b>EU DSD/DPD:</b> EU CLP, Annex VI, Table 3.2: Carc.Cat.2, R45 <b>EU CLP:</b> EU CLP, Annex VI, Table 3.1: Carc. 1B, H350 <b>OSHA HCS 2012:</b> Skin Irrit. 2	NDA
Isopropyl alcohol	<b>CAS:</b> 67-63-0 <b>EC Number:</b> 200-661-7	< 2%	Inhalation-Rat LC50 • 16000 ppm 8 Hour(s) Skin-Rabbit LD50 • 12800 mg/kg Ingestion/Oral-Rat LD50 • 5000 mg/kg	<b>EU DSD/DPD:</b> EU CLP, Annex VI, Table 3.2: F, R11; Xi, R36; R67 <b>EU CLP:</b> Annex VI: Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3: Narc., H336 <b>OSHA HCS 2012:</b> Flam. Liq. 2; Eye Irrit. 2, STOT SE 3: Narc.	NDA

See Section 11 for Toxicological Information. See Section 16 for full text of H-statements and R-phrases.

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

#### Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

#### Skin

- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.

#### Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

#### Ingestion

- If victim is conscious, give 1 – 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately.

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

- Refer to Section 11 - Toxicological Information.

### 4.3 Indication of any immediate medical attention and special treatment needed

#### Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

**Suitable Extinguishing Media** ● Water spray, carbon dioxide, dry chemical.

#### Unsuitable Extinguishing Media

- Water may be unsuitable as an extinguishing medium, but helpful in keeping adjacent containers cool.

### 5.2 Special hazards arising from the substance or mixture

#### Unusual Fire and Explosion Hazards

- Containers may explode when heated. Some of these materials may burn, but none ignite readily.

#### Hazardous Combustion Products

- No data available.

### 5.3 Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

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

#### Personal Precautions

- Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

#### Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Stay upwind. Keep out of low areas. Keep unauthorized personnel away. Ventilate closed spaces before entering.

### 6.2 Environmental precautions

- Avoid release to the environment.

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

**Containment/Clean-up Measures**

- Stop leak if you can do it without risk.  
SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.  
LARGE SPILLS: Dike far ahead of spill for later disposal.

### 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

**Handling**

- Use only with adequate ventilation. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapours, spray. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

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

**Storage**

- Keep container/package tightly closed in a cool, well-ventilated place.

### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	Germany DFG	Germany TRGS
Isopropyl alcohol (67-63-0)	STELs	400 ppm STEL	400 ppm STEL	500 ppm STEV; 1230 mg/m3 STEV	Not established	Not established
	TWAs	200 ppm TWA	200 ppm TWA	400 ppm TWAEV; 985 mg/m3 TWAEV	Not established	200 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 500 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2)
	Ceilings	Not established	Not established	Not established	400 ppm Peak; 1000 mg/m3 Peak	Not established
	MAKs	Not established	Not established	Not established	200 ppm TWA MAK; 500 mg/m3 TWA MAK	Not established

Exposure Limits/Guidelines (Con't.)			
	Result	NIOSH	OSHA
Isopropyl alcohol	TWAs	400 ppm TWA; 980 mg/m3 TWA	400 ppm TWA; 980 mg/m3 TWA

(67-63-0)	STELs	500 ppm STEL; 1225 mg/m <sup>3</sup> STEL	Not established
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## Exposure Control Notations

### Germany DFG

• Isopropyl alcohol (67-63-0): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)

## 8.2 Exposure controls

### Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Personal Protective Equipment

#### Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

#### Eye/Face

- Wear safety goggles.

#### Skin/Body

- Wear appropriate gloves.

### Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

STEL = Short Term Exposure Limits are based on 15-minute exposures

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

STEV = Short Term Exposure Value

NIOSH = National Institute of Occupational Safety and Health

TWAEV = Time-Weighted Average Exposure Value

OSHA = Occupational Safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

## Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Yellow oily liquid with a slight solvent odor.
Color	Yellow	Odor	Solvent
Odor Threshold	Data lacking		
General Properties			
Boiling Point	500 F(260 C)	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	= 0.9	Water Solubility	Slightly Soluble
Viscosity	Data lacking	Explosive Properties	Not Explosive.
Oxidizing Properties:	Not an oxidizer.		
Volatility			
Vapor Pressure	0.01 mmHg (torr)	Vapor Density	> 1 Air=1
Evaporation Rate	< 0.01 Ether = 1	Volatiles (Vol.)	20 %
Flammability			
Flash Point	235 F(112.7778 C) OC (Open Cup)	UEL	7 %
LEL	1 %	Autoignition	Data lacking
Flammability (solid, gas)	Not Flammable.		

**Environmental**

Octanol/Water Partition coefficient Data lacking

**9.2 Other Information**

- No additional physical and chemical parameters noted.

**Section 10: Stability and Reactivity****10.1 Reactivity**

- No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

- Stable under normal temperatures and pressures.

**10.3 Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

**10.4 Conditions to avoid**

- Avoid high temperatures and ignition sources.

**10.5 Incompatible materials**

- Strong oxidizers.

**10.6 Hazardous decomposition products**

- Thermal decomposition may produce carbon monoxide, carbon dioxide, sulfur oxides.

**Section 11 - Toxicological Information****11.1 Information on toxicological effects**

Components		
Hydrotreated light naphthenic petroleum distillate (highly refined) (< 98%)	64742-53-6	<b>Irritation:</b> Skin-Rabbit • 500 mg • Severe irritation
Isopropyl alcohol (< 2%)	67-63-0	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 5000 mg/kg; <b>Behavioral:General anesthetic;</b> Inhalation-Rat LC50 • 16000 ppm 8 Hour(s); Skin-Rabbit LD50 • 12800 mg/kg; <b>Irritation:</b> Eye-Rabbit • 100 mg • Severe irritation; Skin-Rabbit • 500 mg • Mild irritation; <b>Reproductive:</b> Inhalation-Rat TClO • 3500 ppm 7 Hour(s)(1-19D preg); <b>Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus)</b>

GHS Properties	Classification
<b>Acute toxicity</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Aspiration Hazard</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Aspiration 1
<b>Carcinogenicity</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Germ Cell Mutagenicity</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Skin corrosion/Irritation</b>	EU/CLP • Skin Irritation 2 OSHA HCS 2012 • Skin Irritation 2

<b>Skin sensitization</b>	<b>EU/CLP</b> • Classification criteria not met <b>OSHA HCS 2012</b> • Classification criteria not met
<b>STOT-RE</b>	<b>EU/CLP</b> • Classification criteria not met <b>OSHA HCS 2012</b> • Classification criteria not met
<b>STOT-SE</b>	<b>EU/CLP</b> • Classification criteria not met <b>OSHA HCS 2012</b> • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects; Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
<b>Toxicity for Reproduction</b>	<b>EU/CLP</b> • Classification criteria not met <b>OSHA HCS 2012</b> • Classification criteria not met
<b>Respiratory sensitization</b>	<b>EU/CLP</b> • Classification criteria not met <b>OSHA HCS 2012</b> • Classification criteria not met
<b>Serious eye damage/Irritation</b>	<b>EU/CLP</b> • Classification criteria not met <b>OSHA HCS 2012</b> • Eye Irritation 2A

**Route(s) of entry/exposure** ● Inhalation, Skin, Eye, Ingestion

**Potential Health Effects**

**Inhalation**

- Acute (Immediate)** ● May cause respiratory irritation. May affect the central nervous system. Symptoms may include dizziness, drowsiness, lethargy, coma and death.
- Chronic (Delayed)** ● No data available.

**Skin**

- Acute (Immediate)** ● Causes skin irritation.
- Chronic (Delayed)** ● No data available.

**Eye**

- Acute (Immediate)** ● Causes serious eye irritation.
- Chronic (Delayed)** ● No data available.

**Ingestion**

- Acute (Immediate)** ● Material may be aspirated into lungs during ingestion and/or subsequent vomiting. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death.
- Chronic (Delayed)** ● No data available.

**Key to abbreviations**

LC = Lethal Concentration      SEV = Severe  
 LD = Lethal Dose                TC = Toxic Concentration  
 MLD = Mild

**Section 12 - Ecological Information**

**12.1 Toxicity**

- Material data lacking.

**12.2 Persistence and degradability**

- Material data lacking.

**12.3 Bioaccumulative potential**

- Material data lacking.

**12.4 Mobility in Soil**



- Material data lacking.

## 12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

## 12.6 Other adverse effects

- No studies have been found.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

#### Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

#### Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

#### 14.6 Special precautions for user

- None known.

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant.

## Section 15 - Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### SARA Hazard Classifications

- Acute

State Right To Know				
Component	CAS	MA	NJ	PA
Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Yes	No	No
Isopropyl alcohol	67-63-0	Yes	Yes	Yes

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Hydrotreated light naphthenic petroleum distillate	64742-53-6	Yes	No	Yes	No	Yes

(highly refined)						
Isopropyl alcohol	67-63-0	Yes	No	Yes	No	Yes

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

- |   |            |                         |
|---|------------|-------------------------|
| • Isopropyl alcohol   | 67-63-0    | B2, D2B (including 70%) |
| • Hydrotreated light naphthenic petroleum distillate (highly refined) | 64742-53-6 | Not Listed              |

#### Canada - WHMIS - Ingredient Disclosure List

- |   |            |            |
|---|------------|------------|
| • Isopropyl alcohol   | 67-63-0    | 1 %        |
| • Hydrotreated light naphthenic petroleum distillate (highly refined) | 64742-53-6 | Not Listed |

### Environment

#### Canada - 2004 NPRI (National Pollutant Release Inventory)

- |   |            |  |
|---|------------|--|
| • Isopropyl alcohol   | 67-63-0    | Part 1, Group 1 Substance;<br>Part 5 Substance |
| • Hydrotreated light naphthenic petroleum distillate (highly refined) | 64742-53-6 | Not Listed                                     |

#### Canada - 2005 NPRI (National Pollutant Release Inventory)

- |   |            |  |
|---|------------|--|
| • Isopropyl alcohol   | 67-63-0    | Part 1, Group 1 Substance;<br>Part 5 Substance |
| • Hydrotreated light naphthenic petroleum distillate (highly refined) | 64742-53-6 | Not Listed                                     |

#### Canada - CEPA - Greenhouse Gases Subject to Mandatory Reporting

- |   |            |            |
|---|------------|------------|
| • Isopropyl alcohol   | 67-63-0    | Not Listed |
| • Hydrotreated light naphthenic petroleum distillate (highly refined) | 64742-53-6 | Not Listed |

#### Canada - CEPA - Priority Substances List

- |   |            |            |
|---|------------|------------|
| • Isopropyl alcohol   | 67-63-0    | Not Listed |
| • Hydrotreated light naphthenic petroleum distillate (highly refined) | 64742-53-6 | Not Listed |

#### Canada - DWQ (Drinking Water Quality) - IMACs

- |   |            |            |
|---|------------|------------|
| • Isopropyl alcohol   | 67-63-0    | Not Listed |
| • Hydrotreated light naphthenic petroleum distillate (highly refined) | 64742-53-6 | Not Listed |

### Other

#### Canada - Accelerated Reduction/Elimination of Toxics (ARET)

- |   |            |            |
|---|------------|------------|
| • Isopropyl alcohol   | 67-63-0    | Not Listed |
| • Hydrotreated light naphthenic petroleum distillate (highly refined) | 64742-53-6 | Not Listed |

## Canada New Brunswick

### Environment

#### Canada - New Brunswick - Ozone Depleting Substances - Schedule A

- |   |            |            |
|---|------------|------------|
| • Isopropyl alcohol   | 67-63-0    | Not Listed |
| • Hydrotreated light naphthenic petroleum distillate (highly refined) | 64742-53-6 | Not Listed |

#### Canada - New Brunswick - Ozone Depleting Substances - Schedule B

- |   |            |            |
|---|------------|------------|
| • Isopropyl alcohol   | 67-63-0    | Not Listed |
| • Hydrotreated light naphthenic petroleum distillate (highly refined) | 64742-53-6 | Not Listed |

## Europe

**Other****EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification**

• Isopropyl alcohol	67-63-0	F; R11 Xi; R36 R67
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Carc.Cat.2; R45

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits**

• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling**

• Isopropyl alcohol	67-63-0	F Xi R:11-36-67 S:(2)-7-16-24/25-26
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	T R:45 S:53-45

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations**

• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	L

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases**

• Isopropyl alcohol	67-63-0	S:(2)-7-16-24/25-26
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	S:53-45

**Mexico****Other****Mexico - Hazard Classifications**

• Isopropyl alcohol	67-63-0	Hazard Class = 3 PG = II UN1219
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

**Mexico - Regulated Substances**

• Isopropyl alcohol	67-63-0	UN1219
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

**United States****Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

**U.S. - OSHA - Specifically Regulated Chemicals**

• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

**Environment****U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**

• Isopropyl alcohol	67-63-0	Not Listed
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• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed
<b>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs</b>		
• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed
<b>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs</b>		
• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed
<b>U.S. - CERCLA/SARA - Section 313 - Emission Reporting</b>		
• Isopropyl alcohol	67-63-0	1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed
<b>U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing</b>		
• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

## United States - California

### Environment

<b>U.S. - California - Proposition 65 - Carcinogens List</b>		
• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed
<b>U.S. - California - Proposition 65 - Developmental Toxicity</b>		
• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed
<b>U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)</b>		
• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed
<b>U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)</b>		
• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed
<b>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</b>		
• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed
<b>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</b>		
• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

## United States - Pennsylvania

### Labor

<b>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List</b>		
• Isopropyl alcohol	67-63-0	
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

**U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances**

• Isopropyl alcohol	67-63-0	Not Listed
• Hydrotreated light naphthenic petroleum distillate (highly refined)	64742-53-6	Not Listed

**15.2 Chemical Safety Assessment**

- No Chemical Safety Assessment has been carried out.

**Section 16 - Other Information****Relevant Phrases (code & full text)**

- H225 - Highly flammable liquid and vapour
- H319 - Causes serious eye irritation
- H336 - May cause drowsiness or dizziness
- H350 - May cause cancer.
- R11 - Highly flammable.
- R36 - Irritating to eyes.
- R45 - May cause cancer.
- R67 - Vapours may cause drowsiness and dizziness.

**Last Revision Date**

- 05/March/2015

**Preparation Date**

- 05/March/2015

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**Key to abbreviations**

NDA = No Data Available