



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Wire Rope & Gear Lubricant

**Product Code** 301081

### Other means of identification

**Synonyms** Old Product Code 66670; For Package Codes 301081

**Product Code** 301081

### Recommended use of the chemical and restrictions on use

**Recommended use** Lubricant

**Restrictions on use** Not available.

### Details of manufacturer or importer

Calumet Branded Products, LLC  
GPO Darling Park Towers 2 201 Sussex St. Sydney AU NSW 2000 Australia  
2780 Waterfront Pkwy E. Dr., Suite 200 Indianapolis, IN 46214  
1 317 328 5660  
CHEMTREC: 1800 069 100 (AUS)

## 2. Hazard(s) identification

### Classification of the hazardous chemical

**Physical hazards** Flammable liquids Category 3

**Health hazards** Acute toxicity, oral Category 4

Acute toxicity, dermal Category 4

Acute toxicity, inhalation Category 4

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2

Specific target organ toxicity, repeated exposure Category 1

Aspiration hazard Category 1

**Environmental hazards** Hazardous to the aquatic environment, acute hazard Category 3

Hazardous to the aquatic environment, long-term hazard Category 3

### Label elements, including precautionary statements

**Hazard symbol(s)**



Flame

Health hazard

Exclamation mark

**Signal word** Danger

**Hazard statement(s)** Flammable liquid and vapor. Harmful if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

## Precautionary statement(s)

<b>Prevention</b>	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing. Wear protective gloves/eye protection/face protection.
<b>Response</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media for extinction.
<b>Storage</b>	Store in a well-ventilated place. Keep cool. Store locked up. This product is intended for the use in the manufacturing process only.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Other hazards which do not result in classification</b>	None known.
<b>Supplemental information</b>	% of the mixture consists of component(s) of unknown acute oral toxicity. % of the mixture consists of component(s) of unknown acute dermal toxicity. % of the mixture consists of component(s) of unknown acute dermal toxicity. % of the mixture consists of component(s) of unknown acute inhalation toxicity. 82.77% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 82.77% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 81.44% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. % of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. 81.44% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

## 3. Composition/information on ingredients

### Mixture

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
Asphalt	8052-42-4	50 - < 60
Solvent Naphtha (petroleum), Light Arom.	64742-95-6	10 - < 20
1,2,4-trimethylbenzene	95-63-6	5 - < 10
Solvent Naphtha, Petroleum, Medium Aliphatic	64742-88-7	5 - < 10
2-butoxyethanol	111-76-2	1 - < 3
Calcium Carbonate	471-34-1	1 - < 3
Distillates (petroleum), Solvent-refined Heavy Paraffinic	64741-88-4	1 - < 3
Mesitylene	108-67-8	1 - < 3
Petrolatum	8009-03-8	1 - < 3
Polysulfides, Di-tert-dodecyl	68425-15-0	1 - < 3
Other components below reportable levels		10 - < 20

## 4. First-aid measures

### Description of necessary first aid measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a poison center or doctor/physician if you feel unwell.
<b>Skin contact</b>	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Personal protection for first-aid responders</b>	Take off all contaminated clothing immediately. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.
<b>Symptoms caused by exposure</b>	Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
<b>Medical attention and special treatment</b>	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

## 5. Fire-fighting measures

<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for fire fighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk.
<b>Hazchem code</b>	None.
<b>General fire hazards</b>	Flammable liquid and vapor.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>For emergency responders</b>	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Use personal protection recommended in Section 8 of the SDS.
<b>Environmental precautions</b>	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
<b>Methods and materials for containment and cleaning up</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water. Prevent entry into waterways, sewer, basements or confined areas.
	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

## 7. Handling and storage

### Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. When using, do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Refrigeration recommended. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls and personal protection

### Control parameters

Follow standard monitoring procedures.

### Occupational exposure limits

#### Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value	Form
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	123 mg/m <sup>3</sup> 25 ppm	
2-butoxyethanol (CAS 111-76-2)	STEL	242 mg/m <sup>3</sup> 50 ppm	
	TWA	96.9 mg/m <sup>3</sup> 20 ppm	
Asphalt (CAS 8052-42-4)	TWA	5 mg/m <sup>3</sup>	Fume.
Calcium Carbonate (CAS 471-34-1)	TWA	10 mg/m <sup>3</sup>	Inhalable dust.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (CAS 64741-88-4)	TWA	5 mg/m <sup>3</sup>	
Mesitylene (CAS 108-67-8)	TWA	123 mg/m <sup>3</sup> 25 ppm	
Petrolatum (CAS 8009-03-8)	TWA	5 mg/m <sup>3</sup>	

#### Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

Components	Type	Value	Form
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	123 mg/m <sup>3</sup> 25 ppm	
2-butoxyethanol (CAS 111-76-2)	STEL	242 mg/m <sup>3</sup> 50 ppm	
	TWA	96.9 mg/m <sup>3</sup> 20 ppm	
Asphalt (CAS 8052-42-4)	TWA	5 mg/m <sup>3</sup>	Fume.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (CAS 64741-88-4)	TWA	5 mg/m <sup>3</sup>	Mist.
Mesitylene (CAS 108-67-8)	TWA	123 mg/m <sup>3</sup> 25 ppm	

**Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)**

Components	Type	Value	Form
Petrolatum (CAS 8009-03-8)	TWA	5 mg/m3	Mist.

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	25 ppm	
2-butoxyethanol (CAS 111-76-2)	TWA	20 ppm	
Asphalt (CAS 8052-42-4)	TWA	0.5 mg/m3	Inhalable fraction.
Mesitylene (CAS 108-67-8)	TWA	25 ppm	
Petrolatum (CAS 8009-03-8)	TWA	5 mg/m3	Inhalable fraction.
Solvent Naphtha, Petroleum, Medium Aliphatic (CAS 64742-88-7)	TWA	200 mg/m3	Non-aerosol.

**UK. EH40 Workplace Exposure Limits (WELs)**

Components	Type	Value	Form
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	125 mg/m3	
		25 ppm	
2-butoxyethanol (CAS 111-76-2)	STEL	246 mg/m3	
		50 ppm	
	TWA	123 mg/m3	
		25 ppm	
Asphalt (CAS 8052-42-4)	STEL	10 mg/m3	Fume.
	TWA	5 mg/m3	Fume.
Calcium Carbonate (CAS 471-34-1)	TWA	4 mg/m3	Respirable dust.
		4 mg/m3	Respirable.
		10 mg/m3	Inhalable
		10 mg/m3	Inhalable dust.
Mesitylene (CAS 108-67-8)	TWA	125 mg/m3	
		25 ppm	

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value	Form
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	100 mg/m3	
		20 ppm	
2-butoxyethanol (CAS 111-76-2)	TWA	49 mg/m3	
		10 ppm	
Distillates (petroleum), Solvent-refined Heavy Paraffinic (CAS 64741-88-4)	TWA	5 mg/m3	Respirable fraction.
Mesitylene (CAS 108-67-8)	TWA	100 mg/m3	
		20 ppm	
Petrolatum (CAS 8009-03-8)	TWA	5 mg/m3	Respirable fraction.

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value	Form
Polysulfides, Di-tert-dodecyl (CAS 68425-15-0)	TWA	5 mg/m <sup>3</sup>	Respirable fraction.

**Biological limit values**

**Germany. TRGS 903, BAT List (Biological Limit Values)**

Components	Value	Determinant	Specimen	Sampling Time
1,2,4-trimethylbenzene (CAS 95-63-6)	400 mg/g	Dimethylbenzo esäuren (Summe aller Isomeren nach Hydrolyse)	Creatinine in urine	*
2-butoxyethanol (CAS 111-76-2)	150 mg/g	Butoxyessigsäure (nach Hydrolyse)	Creatinine in urine	*
	100 mg/l	Butoxyessigsäure	Urine	*
Mesitylene (CAS 108-67-8)	400 mg/g	Dimethylbenzo esäuren (Summe aller Isomeren nach Hydrolyse)	Creatinine in urine	*

\* - For sampling details, please see the source document.

**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
2-butoxyethanol (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*

\* - For sampling details, please see the source document.

**Exposure guidelines**

**Australia OELs: Skin designation**

2-butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

Solvent Naphtha, Petroleum, Medium Aliphatic (CAS 64742-88-7) Can be absorbed through the skin.

**Appropriate engineering controls**

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) 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. Provide eyewash station and safety shower.

**Individual protection measures, for example personal protective equipment (PPE)**

**Eye/face protection** Chemical respirator with organic vapor cartridge and full facepiece.

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves.

**Other**

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection** Chemical respirator with organic vapor cartridge and full facepiece.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures**

When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties**

<b>Appearance</b>	Oily.
<b>Physical state</b>	Liquid.

<b>Form</b>	Liquid.
<b>Color</b>	Black.
<b>Odor</b>	Aromatic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	116.6 °F (47.0 °C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	0.7 % estimated
<b>Flammability limit - upper (%)</b>	5 % estimated
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Density</b>	971.00 kg/m <sup>3</sup>
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Negligible
<b>Solubility (other)</b>	Oil
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other physical and chemical parameters</b>	
<b>Explosive properties</b>	Not explosive.
<b>Flash point class</b>	Flammable IB
<b>Oxidizing properties</b>	Not oxidizing.
<b>Percent volatile</b>	25 %
<b>Specific gravity</b>	0.97
<b>VOC</b>	2.95 % estimated

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Irritants. May include oxides of phosphorus.

## 11. Toxicological information

### Information on possible routes of exposure

**Inhalation** Harmful if inhaled.  
**Skin contact** Harmful in contact with skin. Causes skin irritation.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

**Eye contact** Causes serious eye irritation.

**Ingestion** Harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Symptoms related to exposure** Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

**Acute toxicity** May be fatal if swallowed and enters airways. Harmful if inhaled. Harmful in contact with skin.

Components	Species	Test Results
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1,2,4-trimethylbenzene (CAS 95-63-6)

**Acute**

**Dermal**

LD50	Rabbit	> 3160 mg/kg
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**Oral**

LD50	Rat	6 g/kg
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Calcium Carbonate (CAS 471-34-1)

**Acute**

**Oral**

LD50	Rat	6450 mg/kg
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Mesitylene (CAS 108-67-8)

**Acute**

**Oral**

LD50	Rat	8970 mg/kg
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Solvent Naphtha, Petroleum, Medium Aliphatic (CAS 64742-88-7)

**Acute**

**Inhalation**

LC50	Rat	61 mg/l, 4 Hours
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**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** Causes serious eye irritation.

### Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Risk of cancer cannot be excluded with prolonged exposure. Not classifiable as to carcinogenicity to humans.

### ACGIH Carcinogens

2-butoxyethanol (CAS 111-76-2)	A3 Confirmed animal carcinogen with unknown relevance to humans.
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Distillates (petroleum), Solvent-refined Heavy Paraffinic (CAS 64741-88-4)	A4 Not classifiable as a human carcinogen.
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Petrolatum (CAS 8009-03-8)	A4 Not classifiable as a human carcinogen.
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Solvent Naphtha, Petroleum, Medium Aliphatic (CAS 64742-88-7)	A3 Confirmed animal carcinogen with unknown relevance to humans.
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### IARC Monographs. Overall Evaluation of Carcinogenicity

2-butoxyethanol (CAS 111-76-2)

3 Not classifiable as to carcinogenicity to humans.

<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Chronic effects</b>	Causes damage to organs through prolonged or repeated exposure. May be harmful if absorbed through skin. Prolonged inhalation may be harmful.  2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.  Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

<b>Product</b>		<b>Species</b>	<b>Test Results</b>
Wire Rope & Gear Lubricant			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia	65.936 mg/l, 48 hours estimated
Fish	LC50	Fish	48.1319 mg/l, 96 hours estimated
<b>Components</b>		<b>Species</b>	<b>Test Results</b>
1,2,4-trimethylbenzene (CAS 95-63-6)			
<b>Aquatic</b>			
Fish	LC50	Fathead minnow (Pimephales promelas)	7.19 - 8.28 mg/l, 96 hours
2-butoxyethanol (CAS 111-76-2)			
<b>Aquatic</b>			
Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/l, 96 hours
Calcium Carbonate (CAS 471-34-1)			
<b>Aquatic</b>			
Fish	LC50	Western mosquitofish (Gambusia affinis)	> 56000 mg/l, 96 hours
Mesitylene (CAS 108-67-8)			
<b>Aquatic</b>			
Fish	LC50	Goldfish (Carassius auratus)	9.89 - 15.05 mg/l, 96 hours
Solvent Naphtha, Petroleum, Medium Aliphatic (CAS 64742-88-7)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia pulex)	2.7 - 5.1 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	8.8 mg/l, 96 hours
			8.8 mg/l, 96 hours
<b>Persistence and degradability</b>	No data is available on the degradability of any ingredients in the mixture.		
<b>Bioaccumulative potential</b>			
<b>Partition coefficient n-octanol / water (log Kow)</b>			
2-butoxyethanol		0.83	
<b>Mobility in soil</b>	This product is miscible in water.		
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		

### 13. Disposal considerations

<b>Disposal methods</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Residual waste</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport information

#### ADG

<b>UN number</b>	1268
<b>UN proper shipping name</b>	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S. (SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC)
<b>Transport hazard class(es)</b>	
Class	3
Subsidiary risk	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	Not available.
<b>Hazchem code</b>	3[Y]E #
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

#### RID

<b>UN number</b>	1268
<b>UN proper shipping name</b>	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S. (SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC)
<b>Transport hazard class(es)</b>	
Class	3
Subsidiary risk	-
Label(s)	3
<b>Packing group</b>	III
<b>Environmental hazards</b>	No.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

#### IATA

<b>UN number</b>	1268
<b>UN proper shipping name</b>	Petroleum Distillates, n.o.s
<b>Transport hazard class(es)</b>	
Class	3
Subsidiary risk	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	No.
<b>ERG Code</b>	3L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.

#### IMDG

<b>UN number</b>	1268
<b>UN proper shipping name</b>	Petroleum Distillates, n.o.s
<b>Transport hazard class(es)</b>	
Class	3
Subsidiary risk	-
<b>Packing group</b>	III

**Environmental hazards****Marine pollutant**

No.

**EmS**

F-E, S-E

**Special precautions for user**

Read safety instructions, SDS and emergency procedures before handling.

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

Not established.

**ADG****IATA; IMDG; RID****15. Regulatory information****Safety, health and environmental regulations****National regulations**

This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals (23/12/2011).

**Australia Medicines & Poisons Appendix E**

1,2,4-trimethylbenzene (CAS 95-63-6)  
 Mesitylene (CAS 108-67-8)  
 Petrolatum (CAS 8009-03-8)

**Australia Medicines & Poisons Appendix I**

2-butoxyethanol (CAS 111-76-2)

**Australia Medicines & Poisons Schedule 5**

1,2,4-trimethylbenzene (CAS 95-63-6)  
 Mesitylene (CAS 108-67-8)  
 Petrolatum (CAS 8009-03-8)  
 Solvent Naphtha, Petroleum, Medium Aliphatic (CAS 64742-88-7)

**High Volume Industrial Chemicals (HVIC)**

2-butoxyethanol (CAS 111-76-2)  
 Asphalt (CAS 8052-42-4)

1000 - 9999 TONNES See the regulation for additional information.

100000 - 999999 TONNES See the regulation for additional information.

Calcium Carbonate (CAS 471-34-1)  
 Distillates (petroleum), Solvent-refined Heavy Paraffinic (CAS 64741-88-4)

1000 - 9999 TONNES See the regulation for additional information.

10000 - 99999 TONNES See the regulation for additional information.

Solvent Naphtha (petroleum), Light Arom. (CAS 64742-95-6)

10000 - 99999 TONNES See the regulation for additional information.

Solvent Naphtha, Petroleum, Medium Aliphatic (CAS 64742-88-7)

&gt; 1000000 TONNES See the regulation for additional information.

**International regulations**

## International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information

**Issue date** 07-06-2016

**Revision date** 09-11-2018

**Disclaimer** Calumet Branded Products, LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

**Revision information** This document has undergone significant changes and should be reviewed in its entirety.