

## 1. Identification

<b>Product identifier</b>	<b>Cold Wax Medium</b>
<b>Other means of identification</b>	None.
<b>Recommended use</b>	To mix with artist's oil paints to modify working properties. To use as a matte final surface for oil paintings. To use as a matting agent for varnishes and painting mediums.
<b>Recommended restrictions</b>	Do not heat.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer/Supplier</b>	Gamblin Artists Colors 2734 SE Raymond St. Portland, OR 97202 USA
<b>Telephone number</b>	+1 503-235-1945
<b>Website</b>	www.gamblincolors.com
<b>Emergency Telephone Number</b>	For Chemical Emergency ONLY, call:  +1 503-235-1945

## DETAILS OF DISTRIBUTOR

<b>Company Name:</b>	Rossdale Pty Ltd
<b>Company Address:</b>	351-353 Warrigal Road, Cheltenham 3192 Australia
<b>Company Phone:</b>	(03) 9583 4411 Fax: (03) 9583 4399

## EMERGENCY TELEPHONE NUMBERS

Poisons Information: 13 11 26

## 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable liquids	Category 4
<b>Health hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		
<b>Hazard symbol</b>	None.	
<b>Signal word</b>	Warning	
<b>Hazard statement</b>	Combustible liquid.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Keep away from flames and hot surfaces. - No smoking. Wear protective gloves/protective clothing/eye protection/face protection.	
<b>Response</b>	In case of fire: Use appropriate media to extinguish.	
<b>Storage</b>	Store in a well-ventilated place. Keep cool.	
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.	
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.	
<b>Supplemental information</b>	None.	

## 3. Composition/information on ingredients

### Mixtures

Chemical name	CAS number	%
Beeswax	8012-89-3	40 - 60
Petroleum Naptha	64742-48-9	40 - 60
Alkyd Resin	Proprietary	5 - 15

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.

<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
<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>	The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</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. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Combustible liquid.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</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). Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. 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.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	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.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves.

<b>Skin protection</b>	
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	When using do not smoke. 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

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Paste.
<b>Color</b>	White.
<b>Odor</b>	Mild wax.
<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>	318 - 390 °F (158.89 - 198.89 °C)
<b>Flash point</b>	> 158.0 °F (> 70.0 °C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	0.2
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	0.7 %
<b>Flammability limit - upper (%)</b>	5.3 %
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	< 0.1 kPa @ 68°F (20°C) (mmHg)
<b>Vapor density</b>	5 @10101 kPa (calculated)
<b>Relative density</b>	0.8 - 0.9
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Negligible.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	635 °F (335 °C)
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Paste.
<b>Viscosity temperature</b>	104 °F (40 °C)
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.
<b>VOC</b>	< 450 g/l

## 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>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible materials**  
**Hazardous decomposition products**

Strong oxidizing agents.  
No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** Prolonged inhalation may be harmful.  
**Skin contact** Prolonged skin contact may cause temporary irritation.  
**Eye contact** Direct contact with eyes may cause temporary irritation.  
**Ingestion** May cause discomfort if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics** Exposure may cause temporary irritation, redness, or discomfort.

### Information on toxicological effects

#### Acute toxicity

Components	Species	Test Results
Petroleum Naptha (CAS 64742-48-9)		
<b>Acute</b>		
<b>Dermal</b>		
<i>Liquid</i>		
LD50	Rabbit	> 5000 mg/kg
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	> 5000 mg/m <sup>3</sup> , 4 hr
<b>Oral</b>		
<i>Liquid</i>		
LD50	Rat	> 5000 mg/kg

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary 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** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Petroleum Naptha (CAS 64742-48-9) 3 Not classifiable as to carcinogenicity to humans.

#### NTP Report on Carcinogens

Not listed.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Petroleum Naptha (CAS 64742-48-9)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EL0	Pseudokirchnerella subcapitata 1000 mg/l, 72 hr
	NOELR	Pseudokirchnerella subcapitata 1000 mg/l, 72 hr
Crustacea	EL0	Daphnia magna 1000 mg/l, 48 hr
Fish	LL0	Oncorhynchus mykiss 1000 mg/l, 96 hr
<i>Chronic</i>		
Crustacea	NOELR	Daphnia magna 1 mg/l, 21 d
<b>Persistence and degradability</b>	No data is available on the degradability of any ingredients in the mixture.	
<b>Bioaccumulative potential</b>	No data available.	
<b>Mobility in soil</b>	The product is insoluble in water.	
<b>Other adverse effects</b>	The product contains volatile organic compounds which have a photochemical ozone creation potential.	

### 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose 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

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.

### ADG (Australian Dangerous Goods) Not regulated

<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not established.
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### 15. Regulatory information

<b>US federal regulations</b>	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

#### Toxic Substances Control Act (TSCA)

All components of the mixture on the TSCA 8(b) inventory are designated "active".

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

##### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes  
**Classified hazard categories** Flammable (gases, aerosols, liquids, or solids)

**SARA 313 (TRI reporting)**  
Not regulated.

#### Other federal regulations

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**  
Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**  
Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

#### US state regulations

**US. Massachusetts RTK - Substance List**  
Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**  
Not listed.

**US. Pennsylvania Worker and Community Right-to-Know Law**  
Petroleum Naptha (CAS 64742-48-9)

**US. Rhode Island RTK**  
Not regulated.

#### California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**  
Petroleum Naptha (CAS 64742-48-9)

**This material is not subject to the following international agreements:**

**Montreal Protocol (Ozone depleting substances)**

**The Stockholm Convention (persistent organic Pollutants)**

**The Rotterdam Convention (Prior Informed Consent)**

**Basel Convention for the Prevention of Pollution from Ships (MARPOL)**

**This material/consitute(s) is covered by the folowing requirements:**

**All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).**

#### 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)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
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)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies 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, including date of preparation or last revision

<b>Issue date</b>	19-March-2020
<b>Revision date</b>	02-May-2023
<b>Version #</b>	04
<b>HMIS® ratings</b>	Health: 1 Flammability: 2 Physical hazard: 0

**NFPA ratings****List of abbreviations**

EC50: Effective Concentration, 50%.  
LC50: Lethal Concentration, 50%.  
LD50: Lethal Dose, 50%.  
STEL: Short-Term Exposure Limit.  
TWA: Time Weighted Average Value.  
EL0: Effective level, 0%.  
IC50: Inhibitory concentration, 50%.  
LL0: Lethal level, 0%.  
NOELR: No Observed Effect Loading Rate

**Disclaimer**

The information in this Safety Data Sheet has been obtained from current and reliable sources. However, the data is provided without warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss injury, damage, or expense resulting from improper use of this product.

## 1. Identification

<b>Product identifier</b>	<b>Galkyd Lite</b>
<b>Other means of identification</b>	None.
<b>Recommended use</b>	Mixing agent for artist's oil colors.
<b>Recommended restrictions</b>	Keep out of reach of children.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer/Supplier</b>	Gamblin Artists Colors 2734 SE Raymond St. Portland, OR 97202 USA
<b>Telephone number</b>	+1 503-235-1945
<b>Website</b>	www.gamblincolors.com
<b>Emergency Telephone Number</b>	For Chemical Emergency ONLY, call:  +1 503-235-1945

## DETAILS OF DISTRIBUTOR

<b>Company Name:</b>	Rossdale Pty Ltd
<b>Company Address:</b>	351-353 Warrigal Road, Cheltenham 3192 Australia
<b>Company Phone:</b>	(03) 9583 4411 Fax: (03) 9583 4399

## EMERGENCY TELEPHONE NUMBERS

Posions Information: 13 11 26

## 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable liquids	Category 4
<b>Health hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		
<b>Hazard symbol</b>	None.	
<b>Signal word</b>	Warning	
<b>Hazard statement</b>	Combustible liquid.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Keep away from flames and hot surfaces. - No smoking. Wear protective gloves/protective clothing/eye protection/face protection.	
<b>Response</b>	In case of fire: Use appropriate media to extinguish.	
<b>Storage</b>	Store in a well-ventilated place. Keep cool.	
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.	
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.	
<b>Supplemental information</b>	None.	

## 3. Composition/information on ingredients

### Mixtures

Chemical name	CAS number	%
Alkyd Resin	Proprietary	40 - 60
Petroleum Naptha	64742-48-9	40 - 60

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.

<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
<b>5. Fire-fighting measures</b>	
<b>Suitable extinguishing media</b>	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
<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>	The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</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. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Combustible liquid.
<b>6. Accidental release measures</b>	
<b>Personal precautions, protective equipment and emergency procedures</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). Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.  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. 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.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.
<b>7. Handling and storage</b>	
<b>Precautions for safe handling</b>	Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).
<b>8. Exposure controls/personal protection</b>	
<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	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.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves.

<b>Skin protection</b>	
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	When using do not smoke. 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

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Amber.
<b>Odor</b>	Characteristic hydrocarbon.
<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>	149.0 °F (65.0 °C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	< 1
<b>Flammability (solid, gas)</b>	Not applicable.

### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	< 0.1 kPa @ 68°F (20°C)
<b>Vapor density</b>	5
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Negligible.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	446 °F (230 °C)
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	62 mm <sup>2</sup> /s
<b>Viscosity temperature</b>	104 °F (40 °C)
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.

## 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>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	Prolonged skin contact may cause temporary irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics** Exposure may cause temporary irritation, redness, or discomfort.

### Information on toxicological effects

#### Acute toxicity

Components	Species	Test Results
Petroleum Naptha (CAS 64742-48-9)		
<b>Acute</b>		
<b>Dermal</b>		
<i>Liquid</i>		
LD50	Rabbit	> 5000 mg/kg
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	> 5000 mg/m <sup>3</sup> , 4 hr
<b>Oral</b>		
<i>Liquid</i>		
LD50	Rat	> 5000 mg/kg

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary 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** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Petroleum Naptha (CAS 64742-48-9) 3 Not classifiable as to carcinogenicity to humans.

#### NTP Report on Carcinogens

Not listed.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Petroleum Naptha (CAS 64742-48-9)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EL0	Pseudokirchnerella subcapitata 1000 mg/l, 72 hr
	NOELR	Pseudokirchnerella subcapitata 1000 mg/l, 72 hr
Crustacea	EL0	Daphnia magna 1000 mg/l, 48 hr
Fish	LL0	Oncorhynchus mykiss 1000 mg/l, 96 hr
<i>Chronic</i>		
Crustacea	NOELR	Daphnia magna 1 mg/l, 21 d
<b>Persistence and degradability</b>	No data is available on the degradability of any ingredients in the mixture.	
<b>Bioaccumulative potential</b>	No data available.	
<b>Mobility in soil</b>	The product is insoluble 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 instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose 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

#### DOT

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

#### ADG

Not regulated as danderous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

### 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

#### Toxic Substances Control Act (TSCA)

All components of the mixture on the TSCA 8(b) inventory are designated "active".

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

##### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes  
**Classified hazard categories** Flammable (gases, aerosols, liquids, or solids)

**SARA 313 (TRI reporting)**  
Not regulated.

#### Other federal regulations

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

#### US state regulations

**US. Massachusetts RTK - Substance List**

Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed.

**US. Pennsylvania Worker and Community Right-to-Know Law**

Petroleum Naptha (CAS 64742-48-9)

**US. Rhode Island RTK**

Not regulated.

**California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

Petroleum Naptha (CAS 64742-48-9)

**This material is not subject to the following international agreements:**

**Montreal Protocol (Ozone depleting substances)**

**The Stockholm Convention (persistent organic Pollutants)**

**The Rotterdam Convention (Prior Informed Consent)**

**Basel Convention for the Prevention of Pollution from Ships (MARPOL)**

**This material/consitute(s) is covered by the folowing requirements:**

**All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).**

#### 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)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
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)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies 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, including date of preparation or last revision

**Issue date** 19-March-2020  
**Revision date** 03-May-2023  
**Version #** 04  
**HMIS® ratings** Health: 1  
Flammability: 2  
Physical hazard: 0

**NFPA ratings****List of abbreviations**

LD50: Lethal Dose 50%.  
EC50: Effective Concentration, 50%.  
LC50: Lethal Concentration, 50%.  
STEL: Short-Term Exposure Limit.  
TWA: Time Weighted Average Value.  
EL0: Effective level, 0%.  
IC50: Inhibitory concentration, 50%.  
LL0: Lethal level, 0%.  
NOELR: No Observed Effect Loading Rate

**Disclaimer**

The information in this Safety Data Sheet has been obtained from current and reliable sources. However, the data is provided without warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss injury, damage, or expense resulting from improper use of this product.

## 1. Identification

<b>Product identifier</b>	<b>Gamvar Gloss Picture Varnish</b>
<b>Other means of identification</b>	None.
<b>Recommended use</b>	Final coating on artist paintings.
<b>Recommended restrictions</b>	Keep out of reach of children.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer/Supplier</b>	Gamblin Artists Colors 2734 SE Raymond St. Portland, OR 97202 USA
<b>Telephone number</b>	+1 503-235-1945
<b>Website</b>	www.gamblincolors.com
<b>Emergency Telephone Number</b>	For Chemical Emergency ONLY, call:  +1 503-235-1945

### DETAILS OF DISTRIBUTOR

<b>Company Name:</b>	Rossdale Pty Ltd	
<b>Company Address:</b>	351-353 Warrigal Road, Cheltenham 3192 Australia	
<b>Company Phone:</b>	(03) 9583 4411	Fax: (03) 9583 4399

### EMERGENCY TELEPHONE NUMBERS

Poisons Information: 13 11 26

## 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable liquids	Category 4
<b>Health hazards</b>	Aspiration hazard	Category 1
<b>OSHA defined hazards</b>	Not classified.	

### Label elements



<b>Signal word</b>	Danger
<b>Hazard statement</b>	Combustible liquid. May be fatal if swallowed and enters airways.
<b>Precautionary statement</b>	
<b>Prevention</b>	Keep away from flames and hot surfaces. - No smoking. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. In case of fire: Use appropriate media to extinguish.
<b>Storage</b>	Store in a well-ventilated place. Keep cool. Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	CAS number	%
Petroleum Naptha	64742-48-9	60 - 70
Hydrocarbon resin	68441-37-2	30 - 40

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.

<b>Eye contact</b>	Rinse with water. 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>Most important symptoms/effects, acute and delayed</b>	Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
<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>	The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</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. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Combustible liquid.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</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). Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.  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. 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.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	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.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).

<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves.
<b>Skin protection</b>	
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	When using do not smoke. 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

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	Odorless.
<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>	365 - 412 °F (185 - 211.11 °C)
<b>Flash point</b>	143.0 °F (61.7 °C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	< 1
<b>Flammability (solid, gas)</b>	Not applicable.

### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	0.7 %
<b>Flammability limit - upper (%)</b>	5.3 %
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	< 0.064 kPa @ 68°F (20°C)
<b>Vapor density</b>	5.6 @ 101 kPa (calculated)
<b>Relative density</b>	0.767 @ 59°F (15°C)

### Solubility(ies)

<b>Solubility (water)</b>	Negligible.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	635 °F (335 °C)
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	20 mm <sup>2</sup> /s
<b>Viscosity temperature</b>	104 °F (40 °C)

### Other information

<b>Density</b>	0.75 g/cm <sup>3</sup>
<b>Explosive properties</b>	Not explosive.
<b>Molecular formula</b>	163
<b>Oxidizing properties</b>	Not oxidizing.

## 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>	Avoid heat, 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>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	Prolonged skin contact may cause temporary irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Symptoms related to the physical, chemical and toxicological characteristics**      Aspiration may cause pulmonary edema and pneumonitis.

### Information on toxicological effects

**Acute toxicity**      May be fatal if swallowed and enters airways.

Components	Species	Test Results
Petroleum Naptha (CAS 64742-48-9)		
<b>Acute</b>		
<b>Dermal</b>		
<i>Liquid</i>		
LD50	Rabbit	> 5000 mg/kg
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	> 5000 mg/m <sup>3</sup> , 4 hr
<b>Oral</b>		
<i>Liquid</i>		
LD50	Rat	> 5000 mg/kg

**Skin corrosion/irritation**      Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation**      Direct contact with eyes may cause temporary 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**      No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**      Not classifiable as to carcinogenicity to humans.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Petroleum Naptha (CAS 64742-48-9)      3 Not classifiable as to carcinogenicity to humans.

#### NTP Report on Carcinogens

Not listed.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

**Reproductive toxicity**      This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure**      Not classified.

**Specific target organ toxicity - repeated exposure**      Not classified.

**Aspiration hazard**      May be fatal if swallowed and enters airways.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Petroleum Naptha (CAS 64742-48-9)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EL0	Pseudokirchnerella subcapitata 1000 mg/l, 72 hr
	NOELR	Pseudokirchnerella subcapitata 1000 mg/l, 72 hr
Crustacea	EL0	Daphnia magna 1000 mg/l, 48 hr
Fish	LL0	Oncorhynchus mykiss 1000 mg/l, 96 hr
<i>Chronic</i>		
Crustacea	NOELR	Daphnia magna 1 mg/l, 21 d

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential** No data available.

**Mobility in soil** The product is insoluble in water.

**Other adverse effects** 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

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose 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).

**Contaminated packaging** 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

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### ADG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### SARA 304 Emergency release notification

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

### Toxic Substances Control Act (TSCA)

All components of the mixture on the TSCA 8(b) inventory are designated "active".

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes**Classified hazard categories** Flammable (gases, aerosols, liquids, or solids)  
Aspiration hazard**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations****US. Massachusetts RTK - Substance List**

Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed.

**US. Pennsylvania Worker and Community Right-to-Know Law**

Petroleum Naptha (CAS 64742-48-9)

**US. Rhode Island RTK**

Not regulated.

**California Proposition 65**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

Petroleum Naptha (CAS 64742-48-9)

**This material is not subject to the following international agreements:****Montreal Protocol (Ozone depleting substances)****The Stockholm Convention (persistent organic Pollutants)****The Rotterdam Convention (Prior Informed Consent)****Basel Convention for the Prevention of Pollution from Ships (MARPOL)****This material/constitute(s) is covered by the following requirements:****All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).****International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
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)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies 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, including date of preparation or last revision****Issue date** 19-March-2020**Revision date** 05-May-2023

**Version #** 04  
**HMIS® ratings** Health: 3  
Flammability: 2  
Physical hazard: 0

**NFPA ratings**



**List of abbreviations**

LD50: Lethal Dose 50%.  
EC50: Effective Concentration, 50%.  
LC50: Lethal Concentration, 50%.  
STEL: Short-Term Exposure Limit.  
TWA: Time Weighted Average Value.  
EL0: Effective level, 0%.  
IC50: Inhibitory concentration, 50%.  
LL0: Lethal level, 0%.  
NOELR: No Observed Effect Loading Rate

**Disclaimer**

The information in this Safety Data Sheet has been obtained from current and reliable sources. However, the data is provided without warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss injury, damage, or expense resulting from improper use of this product.

## 1. Identification

**Product identifier** Gamsol  
**Other means of identification** None.  
**Recommended use** Artist's oil painting solvent.  
**Recommended restrictions** Keep out of reach of children.  
**Manufacturer/Importer/Supplier/Distributor information**  
**Manufacturer/Supplier** Gamblin Artists Colors  
 2734 SE Raymond St.  
 Portland, OR 97202  
 USA  
**Telephone number** +1 503-235-1945  
**Website** www.gamblincolors.com  
**Emergency Telephone Number** For Chemical Emergency ONLY, call:  
 +1 503-235-1945

### DETAILS OF DISTRIBUTOR

**Company Name:** Rossdale Pty Ltd  
**Company Address:** 351-353 Warrigal Road, Cheltenham 3192 Australia  
**Company Phone:** (03) 9583 4411 Fax: (03) 9583 4399

### EMERGENCY TELEPHONE NUMBERS

Posions Information: 13 11 26

## 2. Hazard(s) identification

**Physical hazards** Flammable liquids Category 4  
**Health hazards** Aspiration hazard Category 1  
**OSHA defined hazards** Not classified.

### Label elements



**Signal word** Danger  
**Hazard statement** Combustible liquid. May be fatal if swallowed and enters airways.  
**Precautionary statement**  
**Prevention** Keep away from flames and hot surfaces. - No smoking. Wear protective gloves/protective clothing/eye protection/face protection.  
**Response** If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. In case of fire: Use appropriate media to extinguish.  
**Storage** Store in a well-ventilated place. Keep cool. Store locked up.  
**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	CAS number	%
Petroleum Naptha	64742-48-9	100

## 4. First-aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.  
**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.  
**Eye contact** Rinse with water. 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>Most important symptoms/effects, acute and delayed</b>	Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
<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>	The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</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. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Combustible liquid.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</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). Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.  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. 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.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	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.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).

**Safe Work Australia Exposure Standards returned no results.**

<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves.
<b>Skin protection</b>	
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	When using do not smoke. 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

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	Odorless.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	-92.2 °F (-69 °C)
<b>Initial boiling point and boiling range</b>	372.2 - 408.2 °F (189 - 209 °C)
<b>Flash point</b>	144.0 °F (62.2 °C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	< 0.1
<b>Flammability (solid, gas)</b>	Not applicable.

### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	0.7 %
<b>Flammability limit - upper (%)</b>	5.3 %
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	< 0.31 mmHg @ 68°F (20°C)
<b>Vapor density</b>	5.6
<b>Relative density</b>	0.765 @ 59°F (15°C)

### Solubility(ies)

<b>Solubility (water)</b>	Negligible.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	635 °F (335 °C)
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	1.56 mm <sup>2</sup> /s
<b>Viscosity temperature</b>	104 °F (40 °C)
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.

## 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>	Avoid heat, 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>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	Prolonged skin contact may cause temporary irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Symptoms related to the physical, chemical and toxicological characteristics**      Aspiration may cause pulmonary edema and pneumonitis.

### Information on toxicological effects

**Acute toxicity**      May be fatal if swallowed and enters airways.

Components	Species	Test Results
Petroleum Naptha (CAS 64742-48-9)		
<b>Acute</b>		
<b>Dermal</b>		
<i>Liquid</i>		
LD50	Rabbit	> 5000 mg/kg
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	> 5000 mg/m <sup>3</sup> , 4 hr
<b>Oral</b>		
<i>Liquid</i>		
LD50	Rat	> 5000 mg/kg

**Skin corrosion/irritation**      Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation**      Direct contact with eyes may cause temporary 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**      No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**      Not classifiable as to carcinogenicity to humans.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Petroleum Naptha (CAS 64742-48-9)      3 Not classifiable as to carcinogenicity to humans.

#### NTP Report on Carcinogens

Not listed.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

**Reproductive toxicity**      This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure**      Not classified.

**Specific target organ toxicity - repeated exposure**      Not classified.

**Aspiration hazard**      May be fatal if swallowed and enters airways.

**Chronic effects**      Prolonged inhalation may be harmful.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Petroleum Naptha (CAS 64742-48-9)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EL0	Pseudokirchnerella subcapitata 1000 mg/l, 72 hr
	NOELR	Pseudokirchnerella subcapitata 1000 mg/l, 72 hr
Crustacea	EL0	Daphnia magna 1000 mg/l, 48 hr
Fish	LL0	Oncorhynchus mykiss 1000 mg/l, 96 hr
<i>Chronic</i>		
Crustacea	NOELR	Daphnia magna 1 mg/l, 21 d

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential** No data available.

**Mobility in soil** The product is insoluble in water.

**Other adverse effects** 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

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose 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).

**Contaminated packaging** 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

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### ADG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

### SARA 304 Emergency release notification

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

### Toxic Substances Control Act (TSCA)

All components of the mixture on the TSCA 8(b) inventory are designated "active".

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes**Classified hazard categories** Flammable (gases, aerosols, liquids, or solids)  
Aspiration hazard**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations****US. Massachusetts RTK - Substance List**

Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed.

**US. Pennsylvania Worker and Community Right-to-Know Law**

Petroleum Naptha (CAS 64742-48-9)

**US. Rhode Island RTK**

Not regulated.

**California Proposition 65**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))****This material is not subject to the following international agreements:****Montreal Protocol (Ozone depleting substances)****The Stockholm Convention (persistent organic Pollutants)****The Rotterdam Convention (Prior Informed Consent)****Basel Convention for the Prevention of Pollution from Ships (MARPOL)****This material/constitute(s) is covered by the following requirements:****All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).**

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)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
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)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies 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, including date of preparation or last revision****Issue date** 19-March-2020**Revision date** 03-May-2023

**Version #** 04  
**HMIS® ratings** Health: 3  
Flammability: 2  
Physical hazard: 0

**NFPA ratings**



**List of abbreviations**

EC50: Effective Concentration, 50%.  
LC50: Lethal Concentration, 50%.  
LD50: Lethal Dose, 50%.  
STEL: Short-Term Exposure Limit.  
TWA: Time Weighted Average Value.  
EL0: Effective level, 0%.  
LL0: Lethal level, 0%.  
NOELR: No Observed Effect Loading Rate

**Disclaimer**

The information in this Safety Data Sheet has been obtained from current and reliable sources. However, the data is provided without warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss injury, damage, or expense resulting from improper use of this product.

## SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### PRODUCT

**Product Name:** Refined Linseed Oil  
Cold Pressed Linseed Oil  
Stand Oil

**Product Description:** Refined linseed oil

**Intended Use:** To modify working properties of artist oil paints

#### COMPANY

**Company Name:** Gamblin Artists Colors

**Company Address:** 2734 SE Raymond St.  
Portland, OR 97202  
USA

**Company Phone:** 503-235-1945

**Emergency Phone:** Local Emergency Room

#### DETAILS OF DISTRIBUTOR

**Company Name:** Rossdale Pty Ltd

**Company Address:** 351-353 Warrigal Road, Cheltenham 3192 Australia

**Company Phone:** (03) 9583 4411 Fax: (03) 9583 4399

#### EMERGENCY TELEPHONE NUMBERS

Posions Information: 13 11 26

### SECTION 2: HAZARDS IDENTIFICATION

#### GHS LABELING

**GHS Classification:** Flammable None  
Health None

**GHS Pictogram(s):** None

**Signal Word:** None

#### HAZARDS

**Hazard Statements:** None

**Precautionary Statements:** None

**Hazard-Determining Components of Labelling:** None

#### ADDITIONAL

Repeated exposure may cause skin dryness or cracking.  
Rags, steel wool, or waste soaked with product may spontaneously ignite if improperly handled or discarded.  
No significant environmental hazards.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Concentration (%)	GHS Hazard Codes	Supplier Rec.	EU HSPA
Linseed oil	8001-26-1	100	Not hazardous	N/A	N/A

### SECTION 4: FIRST AID MEASURES

**GENERAL INFORMATION:** No special measures required.

**Inhalation:** Supply fresh air; consult doctor in case of complaints.

**Skin contact:** Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.

**Eye contact:** Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water.  
If symptoms persist, consult doctor.

**Ingestion:** Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; call for medical help immediately.

**Symptoms and effects (both acute and delayed):**  
Headache  
Gastric or intestinal disorders  
Cramping  
Dizziness  
Breathing difficulty  
Coughing  
Slight irritant effect on skin and mucous membranes  
Slight irritant effect on eyes

#### NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

If swallowed, gastric irrigation with added, activated carbon.  
Medical supervision for at least 48 hours.  
If necessary oxygen respiration treatment.  
Treat skin and mucous membrane with antihistamine and corticoid preparations.  
In cases of irritation to the lungs, initial treatment with corticosteroid inhalants.

### SECTION 5: FIRE FIGHTING MEASURES

#### FIRE FIGHTING

**Extinguishing Media:** Foam; Fire-extinguishing powder; Carbon dioxide; Gaseous extinguishing agents

**Unsuitable extinguishing agents:**

Water spray - Water with full jet

**Protective Equipment and Precautions for Firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Hazards Arising from the Chemical:**

Risk of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray. Formation of toxic gases is possible during heating or in case of fire.

**Additional Information:** Cool endangered receptacles with water fog or haze.

**FLAMMABILITY PROPERTIES**

**Flammable Limits in Air:**

Upper N/D  
Lower N/D

**NFPA Hazard Classification:**

Health 0  
Flammability 1  
Reactivity 0  
Other N/A

**HMIS Hazard Classification:**

Health 0  
Flammability 1  
Reactivity 0  
Protection N/D

**Product :** Refined Linseed Oil  
**Flash Point:** >500°F >260°C  
**Autoignition Temperature:** N/D N/D

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment:**

Use respiratory protective device against the effects of fumes/dust/aerosol  
Ensure adequate ventilation  
Wear protective equipment  
Keep unprotected persons away  
Keep away from ignition sources  
Particular danger of slipping on leaked/spilled product

**Environmental Precautions:** Do not allow to enter sewers or groundwater  
Prevent from spreading (e.g. by damming-in or oil barriers)

**Methods and Materials for Containment and Clean-up:**

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).  
Remove from the water surface (e.g. skim or suction off).  
Pick up mechanically.  
Send for suitably qualified recovery and/or disposal companies.  
Dispose of the collected material according to regulations.

Used rags or other cleaning materials should be soaked with water and placed in a sealed container.

**Additional Information:**

Oil soaked materials may spontaneously combust.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: HANDLING AND STORAGE

### HANDLING

**General:**

Avoid the formation of oil haze.

Rags, metal wools / cuttings / shavings and waste papers soaked with product must be placed in a sealed metal container rated for flammable waste.

Information about fire- and explosion protection: Protect from heat.

Keep ignition sources away - Do not smoke.

Substance/product is ignitable under certain conditions.

### STORAGE

**Requirements to be met by storerooms and containers:**

Avoid storage near extreme heat, ignition sources or open flame.

**Information about storage in one common storage facility:**

Store away from foodstuffs.

Do not store together with oxidizing and acidic materials.

Do not store together with textiles.

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed containers.

Avoid prolonged contact with air/oxygen.

Remove and wash contaminated clothing before re-use.

Store in well-ventilated place.

Keep away from open flames, hot surfaces and sources of ignition.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### PERSONAL PROTECTION

**Control parameters**

**Ingredients with limit values that require monitoring at the workplace: Not Required**

**8001-26-1 Linseed Oil**

**PEL (USA)** Short-term value: 15' 5" *mg/m<sup>3</sup>*

'Total dust "Respirable fraction

**OEL (Canada)** Short-term value: 10\* 3" *mg/m<sup>3</sup>*

'Mist "Respirable mist

**TWA (Canada)** Short-term value: 10\* 3" *mg/m<sup>3</sup>*

\*Mist \*\*Respirable mist

**Respiratory Protection:**

Use suitable respiratory protective device in case of insufficient ventilation. Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable.

**Ventilation:** Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in the air. No smoking, flame, or other ignition sources.

**Protective Gloves:** Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact. The glove material has to be impermeable and resistant to the product. Selection of the glove material should be based on the penetration time, rates of diffusion and the degradation of the glove material.

**Eye Protection:** Safety glasses if eye contact is likely; eyewash fountain should be accessible.

**ENGINEERING CONTROLS**

**Ventilation:** Adequate ventilation should be provided so that exposure limits are not exceeded.

**Hygiene:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking.

**Exposure Guidelines:**

**NOTE:** The level of protection and types of controls necessary will vary depending upon potential exposure conditions.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**GENERAL INFORMATION**

**Physical State:** Liquid  
**Form:** Clear  
**Color:** Yellow/Amber  
**Odor:** Slight vegetable oil  
**Odor Threshold:** N/D

**IMPORTANT**

**HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION**

**Boiling Point:** Decomposes before boiling  
**Melting Point:** N/D  
**Freezing Point:** N/D  
**Vapor Pressure:** N/D  
**Density at 20°C:** 0.92-0.97 g/cm<sup>3</sup>  
**Specific Gravity:** N/D  
**Evaporation Rate:** N/D  
**Solubility in Water:** N/D  
**Solids by Weight:** N/D  
**Volatile:** N/D

**Molecular Weight:** N/D  
**Viscosity:** N/D  
**Flash Point:** >500°F >260°C

## SECTION 10: STABILITY AND REACTIVITY

### STABILITY

**General:** Slowly polymerizes when exposed to air.  
Oxidizes rapidly and exothermically if large surface area is present.  
May spontaneously combust under certain conditions.

**Conditions to Avoid:** Keep ignition sources away- Do not smoke.  
Store away from oxidizing agents.  
Avoid heat, sparks, open flames and other ignition sources

**Materials to Avoid:** No additional information is available.

**Hazardous Decomposition or Bi-Products:**  
Carbon monoxide and carbon dioxide

**Possibility of Hazardous Reactions:**  
Possibility of hazardous reactions: Reacts with aldehydes.  
Reacts violently with oxidizing agents.  
Reacts with peroxides and other radical forming substances.  
Reacts with inorganic acid chlorides.  
Reacts with powdered metals.  
Reacts with strong acids and alkali.  
Self-igniting under certain conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### INFORMATION ON TOXICOLOGICAL EFFECTS

**Inhalation:**

**Ingestion:**

**Skin:** Slight irritant effect on skin and mucous membranes.

**Eye:** Slight irritant effect on eyes.

**Carcinogenic:** Substance is not listed. (National Toxicology Program)

**Repeated Dose Toxicity:** Repeated exposure may cause skin dryness or cracking.

## SECTION 12: ECOLOGICAL INFORMATION

### ECOLOGICAL INFORMATION

**Ecotoxicity:** May cause long term adverse effects in the aquatic environment.

**Additional ecological information:**

**Mobility:** Do not allow large quantities of undiluted product to reach ground water, water course or sewage system.  
Highly volatile, will partition rapidly to air.  
Not expected to partition to sediment and wastewater solids.

#### PERSISTENCE AND MOBILITY

**Biodegradation:** Readily biodegradable.  
**Hydrolysis:** Transformation due to hydrolysis is not expected to be significant.  
**Photolysis:** Transformation due to photolysis is not expected to be significant.  
**Atmospheric:** N/D

### SECTION 13: DISPOSAL CONSIDERATIONS

**NOTE: Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at the time of disposal.**

**Waste Disposal:** Contact waste processors for recycling information.  
Can be burned with household garbage after consulting with the pertinent authorities and adhering to all the applicable regulations.

**Uncleaned Packaging:** Disposal must be made according to the applicable regulations.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN-Number DOT, ADR, IMDG, IATA , ADG:

Not Regulated

#### 14.2 UN proper shipping name DOT; ADR; IMDG, IATA, ADG:

Not Regulated

#### 14.3 Transport hazard class(es) DOT; ADR; IMDG, IATA

Not Regulated

#### 14.4 Packing group DOT, ADR, IMDG, IATA, ADG:

Not Regulated

#### 14.5 Environmental hazards: Marine pollutant:

No

#### 14.6 Special precautions for user:

Not applicable

#### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

#### UN "Model Regulation":

-

## SECTION 15: REGULATORY INFORMATION

### SARA

#### Section 355 (extremely hazardous substances):

Substance is not listed.

#### Section 313 (Specific toxic chemical listings):

Substance is not listed.

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

Substance is listed.

**This material is not subject to the following international agreements:**

**Montreal Protocol (Ozone depleting substances)**

**The Stockholm Convention (persistent organic Pollutants)**

**The Rotterdam Convention (Prior Informed Consent)**

**Basel Convention for the Prevention of Pollution from Ships (MARPOL)**

**This material/constitute(s) is covered by the following requirements:**

**All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).**

### PROPOSITION 65 (CALIFORNIA)

#### Chemicals known to cause cancer:

Substance not listed.

#### Chemicals known to cause reproductive toxicity for females:

Substance not listed.

#### Chemicals known to cause reproductive toxicity for males:

Substance not listed.

#### Chemicals known to cause developmental toxicity:

Substance not listed

### CARCINOGENIC CATEGORIES

#### EPA (Environmental Protection Agency):

Substance is not listed.

#### IARC (International Agency for Research on Cancer):

Substance is not listed.

#### NIOSH-Ca (National Institute for Occupational Safety and Health):

Substance is not listed.

#### OSHA-Ca (Occupational Safety & Health Administration):

Substance is not listed.

### CANADIAN SUBSTANCE LISTING

#### Canadian Domestic Substances List (DSL):

Substance is listed.

#### Canadian Ingredient Disclosure list (limit 0.1%):

Substance is not listed.

#### Canadian Ingredient Disclosure list (limit 1%):

8001-26-1 Linseed oil.

## SECTION 16: OTHER INFORMATION

**N/D = Not determined, N/A = Not applicable**

**Relevant phrases**

H411: Toxic to aquatic life with long lasting effects.

R51153: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Abbreviations and Acronyms:**

ADG:	Australian Dangerous Goods
ADR:	Accord europeen sur Je transport des marchandlises dangereuses par Route (European agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
DOT:	US Department of Transportation
IATA:	International Air Transport Association
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
ACGJH:	American Conference of Governmental Industrial Hygienists
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
NFPA:	National Fire Protection Association (USA)
HMIS:	Hazardous Materials Identification System (USA)
DNEL:	Derived No-Effect Level (REACH)
PNEC:	Predicted No-Effect Concentration (REACH)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
Aquatic Chronic 2:	Hazardous to the aquatic environment- Chronic Hazard, Category 2
Aquatic Chronic 3:	Hazardous to the aquatic environment- Chronic Hazard, Category 3

**THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:**

Updates made in accordance with implementation of GHS requirements.

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**The information and recommendations contained herein are, to the best of Gamblin’s knowledge and belief, accurate and reliable, but it is not warranted to be. You can contact Gamblin to ensure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use and it is the user's responsibility to carefully read the product label and follow instructions for safe use of the product.**