



W V C O

# Material Safety Data Sheet

WAXLOR - CLEAR (LA/GA)

## Section 1. Chemical product and company identification

**Product Name** : WAXLOR - CLEAR (LA/GA)  
**Supplier** : Willamette Valley Company  
1075 Arrowsmith  
Eugene, OR 97402  
541-484-9621  
**Manufacturer** : Willamette Valley Company  
1075 Arrowsmith  
Eugene, OR 97402  
541-484-9621  
**Code** : 2760001  
**Validation date** : **3/29/2006.**  
**Print date** : 3/29/2006.  
**Responsible name** : Regulatory Compliance  
**In case of emergency** : CALL INFOTRAC  
1-800-535-5053  
001-352-323-3500

## Section 2. Composition, Information on Ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Ethylene Glycol	107-21-1	1-5

## Section 3. Hazards identification

**Physical state** : Liquid.  
**Emergency overview** : Warning!  
CAUSES RESPIRATORY TRACT AND EYE IRRITATION.  
CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:  
KIDNEYS, LIVER, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM,  
EYE, LENS OR CORNEA.  
Avoid contact with eyes. Avoid breathing vapor or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.  
**Routes of entry** : Dermal contact. Eye contact. Inhalation.  
**Potential acute health effects**  
**Eyes** : Irritating to eyes.  
**Skin** : Slightly irritating to the skin.  
**Inhalation** : Irritating to respiratory system.  
**Ingestion** : No known significant effects or critical hazards.  
**Potential chronic health effects** : **CARCINOGENIC EFFECTS**Not available.  
**MUTAGENIC EFFECTS**Not available.  
**TERATOGENIC EFFECT**: Not available.  
**Medical conditions aggravated by overexposure** : Repeated or prolonged exposure is not known to aggravate medical condition.  
**See toxicological Information (section 11)**

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## Section 4. First aid measures

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
- Skin contact** : Wash with soap and water. Get medical attention if irritation develops.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

## Section 5. Fire fighting measures

- Flammability of the product** : Non-flammable.
- Flash point** : Not applicable.
- Flammable limits** : Not applicable.
- Products of combustion** : These products are carbon oxides (CO, CO<sub>2</sub>).
- Fire-Fighting Measures** : Use an extinguishing agent suitable for surrounding fires.
- Fire fighting media and instructions** : Not available.
- Fire/explosion hazards** : No specific hazard.
- Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure mode.

## Section 6. Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

## Section 7. Handling and storage

- Handling** : Avoid contact with eyes. Keep container closed. Use only with adequate ventilation. Avoid breathing vapor or mist. Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

## Section 8. Exposure Controls, Personal Protection

- Engineering controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.
- Personal protection**
- Eyes** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Hands** : Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Handling** : Consult your supervisor or S.O.P. for special handling directions

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**Personal protection in case of a large spill** : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Chemical name**

Ethylene Glycol

**Exposure limits**

**ACGIH TLV (United States, 2/2003). Notes: See Notice of Intended changes. Refers to Appendix A -- Carcinogens.**

CEIL: 100 mg/m<sup>3</sup> Form: Aerosol

**OSHA PEL 1989 (United States, 3/1989).**

CEIL: 125 mg/m<sup>3</sup> Form: All forms

CEIL: 50 ppm Form: All forms

## Section 9. Physical and chemical properties

**Physical state** : Liquid.  
**Color** : Clear.  
**Boiling/condensation point** : 99.52°C (211.1°F)  
**Melting/freezing point** : Not available.  
**Specific gravity** : 0.97 (Water = 1)  
**Estimated Vapor Density** : >1 (Air = 1)  
**Evaporation rate** : <1 compared to Ether (anhydrous).  
**VOC** : 2.49816%  
 To convert % VOC to lbs/gal use the following equation:  
 Specific Gravity\*8.33\*VOC%=VOC lbs/gal

## Section 10. Stability and reactivity

**Stability and reactivity** : The product is stable.  
**Conditions of instability** : Not available.  
**Incompatibility with various substances** : Not available.  
**Hazardous decomposition products** : Not available.  
**Hazardous polymerization** : Will not occur.

## Section 11. Toxicological information

**Toxicity data**

<b>Ingredient name</b>	<b>Test</b>	<b>Result</b>	<b>Route</b>	<b>Species</b>
Ethylene Glycol	LD50	4700 mg/kg	Oral	Rat
	LD50	1650 mg/kg	Oral	Cat.
	LD50	5500 mg/kg	Oral	Mouse
	LDLo	398 mg/kg	Oral	human
	LDLo	786 mg/kg	Oral	human

**Chronic effects on humans and Target organs** : Contains material which causes damage to the following organs: kidneys, liver, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

**Other toxic effects on humans** : Not considered to be toxic for humans.

**Specific effects**

**Carcinogenic effects** : No known significant effects or critical hazards.

**Mutagenic effects** : No known significant effects or critical hazards.

**Reproduction toxicity** : No known significant effects or critical hazards.

## Section 12. Ecological information

### Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
Ethylene Glycol	Pimephales promelas (LC50)	96 hour(s)	8050 mg/l
	Pimephales promelas (LC50)	96 hour(s)	>10000 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	27540 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	41000 mg/l
	Pimephales promelas (LC50)	96 hour(s)	49000 mg/l
	Pimephales promelas (LC50)	96 hour(s)	53000 mg/l

**Products of degradation** : These products are carbon oxides (CO, CO<sub>2</sub>) and water.

**Toxicity of the products of biodegradation** : The product itself and its products of degradation are not toxic.

## Section 13. Disposal considerations

**Waste disposal** : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

## Section 14. Transport information

<u>Regulatory information</u>	<u>UN number</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packing group</u>	<u>Label</u>	<u>Additional information</u>
<b>DOT Classification</b>	Not regulated.	-	-	Not available.		Not available.
<b>TDG Classification</b>	Not regulated.	-	-	Not available.		Not available.
<b>IMDG Class</b>	Not regulated.	-	-	Not available.		Not available.
<b>IATA-DGR Class</b>	Not regulated.	-	-	Not available.		Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : All components of this product are listed on the TSCA inventory, or are exempt. SARA 311/312 - Acute, Chronic

### SARA 313

<u>Form R - Reporting requirements</u>	<u>Chemical name</u>	<u>CAS number</u>	<u>Concentration</u>
	Ethylene Glycol	107-21-1	1-5

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

**State regulations** : California prop. 65: No products were found.

### International regulations DSCL (EEC)

: This product is not classified according to the EU regulations.

### International lists

: If all product components are listed, the name of the inventory list will be displayed.

CEPA DSL: All components of this product are listed on the inventory.

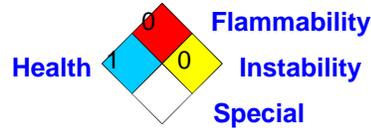
## Section 16. Other information

**Label Requirements** : CAUSES RESPIRATORY TRACT AND EYE IRRITATION.  
CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:  
KIDNEYS, LIVER, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM,  
EYE, LENS OR CORNEA.

**Hazardous Material  
Information System (U.S.A.)** :

Health	*	1
Fire hazard		0
Reactivity		0
Personal protection		X

**National Fire Protection  
Association (U.S.A.)** :



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**Version** : 1.01

### Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.