

# Safety Data Sheet



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** 920-00399 HOT WEATHER THINNER

**Recommended Use:** Hot weather thinner for waterbased paint.

**Supplier:** Dulux New Zealand, a division of DuluxGroup (New Zealand) Pty Ltd  
ABN 55 133 404 118  
Co. 2355191

**Street Address:** 150 Hutt Park Road  
Lower Hutt,  
New Zealand

**Telephone Number:** +64 4 576 6400

**Facsimile:** +64 4 576 6496

**Emergency Telephone:** 0 800 734 607 (ALL HOURS)

## 2. HAZARDS IDENTIFICATION

Not classified as a Dangerous Good under NZS 5433:2007 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.



### Subclasses:

Subclass 6.3 Category B - Substances that are mildly irritating to the skin.  
Subclass 6.4 Category A - Substances that are irritating to the eye.  
Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006

### Hazard and Precautionary Information:

Signal Word: Warning.

### Hazard Statements:

Causes mild skin irritation. Causes eye irritation. Precautionary Statements:  
Keep out of reach of children. Read label before use. Read Safety Data Sheet before use. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Propylene glycol	57-55-6	100%	-

## 4. FIRST AID MEASURES



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### **Inhalation:**

Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

### **Skin Contact:**

If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

### **Eye Contact:**

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

### **Ingestion:**

Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

### **Medical attention and special treatment:**

Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### **Hazards from combustion products:**

Combustible liquid. On burning will emit toxic fumes, including those of oxides of carbon .

### **Precautions for fire fighters and special protective equipment:**

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

### **Suitable Extinguishing Media:**

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

### **Emergency procedures:**

If contamination of sewers or waterways has occurred advise local emergency services.

### **Methods and materials for containment and clean up:**

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Keep out of reach of children. Avoid skin and eye contact and breathing in vapour.

**Conditions for safe storage:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION



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Propane-1,2-diol (propylene glycol) (vapour & particulates): WES-TWA 150 ppm, 474 mg/m<sup>3</sup>; (particulates only): WES-TWA 10 mg/m<sup>3</sup>.

As published by the New Zealand Occupational Safety and Health Service (OSH).

WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

### Engineering controls:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapour respirator. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

### Personal Protective Equipment:

The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Personal Protection: B - OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.



Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

If risk of inhalation exists, wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Odourless
<b>Solubility:</b>	Miscible with water.
<b>Specific Gravity:</b>	1.03 @ 20°C
<b>Relative Vapour Density (air=1):</b>	2.62
<b>Vapour Pressure (20 °C):</b>	20 Pa
<b>Flash Point (°C):</b>	104
<b>Flammability Limits (%):</b>	2.6-12.5
<b>Autoignition Temperature (°C):</b>	>400
<b>% Volatile by Volume:</b>	Not available
<b>Solubility in water (g/L):</b>	Complete
<b>Melting Point/Range (°C):</b>	Not applicable

Product Name: 920-00399 HOT WEATHER THINNER  
Substance No: 000014197001

Issued: 20/12/2011  
Version: 4



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point/Range (°C):</b>	184
<b>Decomposition Point (°C):</b>	Not available
<b>pH:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Evaporation Rate:</b>	0.01 (Est.)
<b>Partition Coefficient:</b>	log Pow: -1.07
<b>Freezing Point/Range (°C):</b>	<-20

## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal conditions of use.
<b>Conditions to avoid:</b>	Avoid exposure to heat, sources of ignition, and open flame.
<b>Incompatible materials:</b>	Incompatible with oxidising agents.
<b>Hazardous decomposition products:</b>	Oxides of carbon.
<b>Hazardous reactions:</b>	Hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	No adverse effects expected, however, large amounts may cause nausea and vomiting.
<b>Eye contact:</b>	May be an eye irritant.
<b>Skin contact:</b>	Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
<b>Inhalation:</b>	Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

**Long Term Effects:**  
No evidence of reproductive effects were found in animal studies.

**Toxicological Data:**  
Oral LD50 (rat): >20000 mg/kg (1)  
Dermal LD50 (rabbit): >2000 mg/kg (1)  
Inhalation LC50 (rat): 317 mg/L/2 hr (1)  
Overall negative in invitro genotoxicity assays. (1)

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Avoid contaminating waterways.
<b>Persistence/degradability and mobility</b>	The material is biodegradable.

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**Aquatic toxicity:** Low toxicity to aquatic organisms.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:**

Refer to Waste Management Authority. Normally suitable for incineration by an approved agent.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport**

Not classified as a Dangerous Good under NZS 5433:2007 Transport of Dangerous Goods on Land.

**Marine Transport**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

**Air Transport**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

**Classification:**

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

**Subclasses:**

Subclass 6.3 Category B - Substances that are mildly irritating to the skin.

Subclass 6.4 Category A - Substances that are irritating to the eye.

Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006

## 16. OTHER INFORMATION

(1) Supplier Material Safety Data Sheet; 02/ 2011.

**Reason(s) for Issue:**

5 Yearly Revised Primary SDS

This safety data sheet has been prepared by SDS Services.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since DuluxGroup Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their DuluxGroup representative or DuluxGroup Limited at the contact details on page 1.

DuluxGroup Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.