



# MATERIAL SAFETY DATA SHEET

*Decco Glue Remover*

Manufacturer / Supplier  
**TENCO WESTECH POLYMERS INC.**  
348 - 13988 Cambie Road  
Richmond, B.C.V6V 2K4

Issued Date: March 2<sup>nd</sup>, 2012

Emergency Telephone Number:  
Office Hours: (604) 276-8538

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## SECTION 1 PRODUCT IDENTIFICATION & USE

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Product No: N/A  
Product Name: Decco Glue Remover  
Chemical Name/Family Name: Limonene  
Use: Adhesive Remover  
CAS Number: None assigned

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## SECTION 2 REPORTABLE / HAZARDOUS INGREDIENTS

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<u>INGREDIENTS</u>	<u>CAS NUMBER</u>	<u>% RANGE</u>	<u>EXPOSURE LIMIT</u>
Limonene	5989-27-5	80 - 95 %	Not available
Monohydroxy- Methane	67-56-1	5 – 20 %	2100 ppm TWA skin (OHSA)

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## SECTION 3 PHYSICAL DATA

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Material State	Mixture
Physical State	Liquid
Odor & Appearance	Sweet orange, Light amber liquid
Vapor Pressure (mm/Hg)	2 mm Hg @ 20 degree C
Vapor Density (Air=1)	Not available
Evaporation Rate	> 1
Boiling Point	160 degree C
Viscosity	50 cps
Freezing Point	Not available, gels at 4 degree C
pH	Not available
Specific Gravity	0.82
Coefficient Water/Oil Distribution	Not available



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Solubility in Water	Soluble
Coefficient Water/Oil Distribution:	Not applicable
Solubility in Water:	Soluble & Mixable

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## SECTION 4 FIRE & EXPLOSION DATA

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Flammability	Yes, vapor accumulation can cause flash fires.
Flashpoint	46 degree C; Method: Pensky-Martens closed tester.
Auto Ignition Temperature	> 260 C
Sensitivity to Mechanical Impact	No
Sensitivity to Static Discharge	Yes
Extinguishing Media	Foam, CO2, Dry Chemical
Special Fire Fighting Procedure	Water or water foam may cause frothing if sprayed directly into container of hot burning liquid. This may be hazardous to fire-fighter. Best for fire-fighter to be equipped with breathing apparatus as protection against irritating or toxic fumes.
Explosion or Fire Hazards	Vapors can cause flash fires and may ignite explosively.
Hazardous Combustion Products	Carbon monoxide, carbon dioxide, chlorine compounds, hydrocarbon of indeterminate nature (depending on environmental condition & reactive product present)

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## SECTION 5 HEALTH EFFECTS DATA

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Stability	Stable
Incompatibility	Incompatible with strong oxidizing agents example: Hypochlorite and peroxides.
Hazardous Decomposition Product	Carbon monoxide, Carbon dioxide, chlorine compounds, hydrocarbon of indeterminate nature (depending on environmental conditions & reactive products present).



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## SECTION 6

## TOXICOLOGY PROPERTIES

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Route of Entry	Skin contact, skin absorption, eye contact, inhalation & ingestion.
Effect of acute exposure – Ingestion	Short term – moderate toxicity
Effect of acute exposure – Skin contact	Prolonged repeated contact may defat skin and lead to skin dryness and/or irritation leads to dermatitis.
Effect of acute Inhalation	High vapor concentration is irritating to the eyes and respiratory tract. May cause headaches & dizziness. Anesthetic and can affect central nervous system.
Effect of acute Eye contact	On contact will injure eye tissues. Vapors are lachrymal. Moderate to severe irritation and can cause transient corneal injury.
Effect of long-term exposure	Affect target organs of respiratory system, central nervous system, skin & eyes.
Carcinogenicity	Unknown

### **Limonene**

Oral LD50 - Rats	4400 mg/kg oral
Inhalation LD50 - Rats	8800 ppm for 4 hours
Dermal LD50 - Rabbit	2,000 mg/kg
Eye Irritation	400 ppm eye-human irritation, 2 mg/24 hr eye-rabbit leads to severe irritation.

Vapors harmful to lungs & pulmonary tract. Ingestion – may be harmful if swallowed.

### **Monohydroxymethane**

Oral LD50 - Rabbit	7,300 mg/kg
Inhalation LD50 - Rabbit	64,000 ppm / 4 hours
Dermal LD 50 - Rabbit	15,800 ppm / kg
Eye Irritation – Rabbit	100 mg / 24 hours

Carcinogenicity – not listed by ACGIH, IARC, NIOSH, NTP or OSHA.

ACGIH – American Conference of Governmental Industrial Hygienist

IARC – International Agency for Research on cancer

NTP - National Toxicological Program

OSHA – Occupational Safety & Health Administration



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## SECTION 7

## PREVENTIVE MEASURES

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Personal protective equipment	Normal working conditions and equipment.
Gloves	Impervious natural rubber gloves or neoprene gloves recommended.
Respirator	Not required under normal condition. If required when high vapor or mist level is present or irritates, use NIOSH approved respirator.
Eye	Wear Safety Glasses with side shields to protect against splashes.
Footwear	Wear normal working rubber shoes.
Clothing	Apron recommended if exposure is severe.
Engineering controls	Local, good to use in well ventilated area.
Leak & Spill Procedure	i) Extinguished all heat & ignition source. Do not operate electrical or sparking devices eg. Heaters, motors etc. Keep off naked flame. No smoking. ii) Stop the leak if it does endanger yourself. iii) For small spill – take up with sand or absorbent material or clay. For large spill – dike up material and use absorbent or call professional disposal service.
Waste Disposal	Use approved waste disposal services.
Handling Procedure & Equipment	Normal, away from naked flame.
Storage & handling	Store in normal ambient temperature. Store in dry & cool place away from naked sparks, fire or heat source. Keep from freezing.
Ventilation	Local exhaust should be used. Mechanical ventilation recommended where necessary.

### **Shipping Information**

Shipping Name	Terpene N.O.S.
P.I.N. Number	UN 2319
T D G Class	3
Packaging Group	III
Not regulated when transported by road or rail in packaging or containers of 450 L or less.	
Marine Pollutant : No	



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## SECTION 8

## FIRST AID

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Ingestion	If individual is conscious, give milk or water to dilute stomach contents. DO NOT induce vomiting. Keep warm & quiet and get immediate medical attention.
Skin Contact	Flush with water and soap.
Inhalation	Move patient to well ventilated area with plenty of fresh air. If there is breathing difficulties, give artificial respiration. Get immediate medical attention.
Eye	Flush with large amount of water holding eyelids open. Get medical help immediately.

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## SECTION 9

## TECHNICAL CONTACTS

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Prepared by: Technical Department  
348 - 13988 Cambie Road  
Richmond, B.C. V6V 2K4  
Tel: (604) 276-8538

The above information and recommendation are given on our product and are based on our research in our laboratory and data gathered from reliable sources and believed to be correct. We do not guarantee complete accuracy of the data. It is the users and purchasers' responsibility to verify, check and determine the suitability of the product for their own operating conditions and safety of their workers. Buyers exclusive remedy shall be for damages and no claims of any kind, whether as to the product delivered or for any delivery of products and whether based on contract, breach of contract, breach of warranty, negligence or otherwise shall be greater in amount than the purchase price of the quantity of product in respect which damages may be claimed. In no event shall seller be liable for consequential damage, whether buyer's claim is based on contract, breach of warranty, negligence or otherwise.