



# Material Safety Data Sheet

May be used to comply with

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health  
Administration

(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List) <b>Carstens Adhesive Remover</b>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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### Section I

Manufacturer's Name <b>VENUS LABORATORIES, INC.</b> <b>Midwest Division</b>	Emergency Telephone Number <b>1-800-592-1900</b>
Address (Number, Street, City, State, and ZIP Code) <b>855 Lively Blvd.</b> <b>Wood Dale, IL 60191</b>	Telephone Number for Information <b>(630)595-1900</b>
	Date Prepared <b>Revised: 1/25/05</b>

### Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%( <i>optional</i> )
<b>D-Limonene, CAS # 5989-27-5</b>	<b>Not Est.</b>	<b>Not Est.</b>	<b>N/A</b>	
<b>Nonylphenol +9EO Polyethoxylate, CAS # 9016-45-9</b>	<b>Not Est.</b>	<b>Not Est.</b>	<b>N/A</b>	

### Section III - Physical/Chemical Characteristics

Boiling Point	<b>352°F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>0.84 @ 25°C</b>
Vapor Pressure (mm Hg.)	<b>1 mm Hg @ 20°F</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>N/D</b>	Evaporation Rate (Butyl Acetate = 1)	<b>N/D</b>
Solubility in Water	<b>Emulsifiable</b>		
Appearance and Odor	<b>Yellow liquid with citrus odor</b>		

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>122°F TCC Combustible</b>	Flammable Limits <b>None</b>	LEL 0.7%	UEL 6.1%
Extinguishing Media <b>Dry powder, foam, CO<sub>2</sub></b>			
Special Fire Fighting Procedures <b>Class B Fire Procedures</b>			
Unusual Fire and Explosion Hazards <b>Combustible liquid - Keep away from heat, sparks and open flame</b>			

## Section V - Reactivity Data

Stability <b>Unstable</b>			Conditions to Avoid <b>heat, open flames</b>
	<b>Stable</b>	<b>X</b>	
Incompatibility ( <i>Materials to Avoid</i> ) <b>Strong oxidizing agents</b>			
Hazardous Decomposition or Byproducts <b>None known</b>			
Hazardous Polymerization <b>May Occur</b>			Conditions to Avoid <b>Polymerization catalysts such as aluminum chloride</b>
	<b>Will Not Occur</b>	<b>X</b>	

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? <b>Yes</b>	Skin? <b>Yes</b>	Ingestion? <b>Yes</b>
Health Hazards ( <i>Acute and Chronic</i> ) <b>Acute: harmful if swallowed. May cause eye damage. Can cause skin irritation.</b> <b>Chronic: none known</b>			
Carcinogenicity:	NTP? <b>N/A</b>	IARC Monographs? <b>N/A</b>	OSHA Regulated? <b>N/A</b>
Signs and Symptoms of Exposure <b>Eye and skin irritation.</b>			
Medical Conditions Generally Aggravated by Exposure <b>None Known</b>			
Emergency and First Aid Procedures <b>Eyes - Flush with large amounts of water, get medical attention.</b> <b>Ingestion - Consult a physician immediately</b> <b>Skin - Wash immediately with soap and water</b> <b>Inhalation - Remove to fresh air.</b>			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

**Small spills should be absorbed by dirt, sand or other suitable absorbents for disposal. Large spills can be diked with dirt, then pumped to tank truck for disposal. Remove all ignition sources.**

Waste Disposal Method

**Dispose in landfill approved for same, away from water supplies. Burning is alternate method. Observe local, state and federal regulations.**

Precautions to Be taken in Handling and Storing

**Usual precautions for combustible liquids**

Other Precautions

**All handling equipment should be electrically grounded**

## Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

**Not normally needed, but if vapor concentration is high, use self contained air mask**

Ventilation	Local Exhaust <b>If mechanical is inadequate</b>	Special <b>None necessary</b>
	Mechanical ( <i>General</i> ) <b>Satisfactory</b>	Other <b>None necessary</b>

Protective Gloves

**Chemically resistant gloves**

Eye Protection

**Chemical splash goggles or face shield**

Other Protective Clothing or Equipment

**Eye wash station**

Work/Hygienic Practices

**Observe good personal hygiene. Wash hands before eating, avoid inhalation or ingestion.**