



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)*
Carstens Adhesive Remover

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.

Section I

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

Section II - Hazard Ingredients/Identity Information

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

Section III - Physical/Chemical Characteristics

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

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 122°F TCC Combustible	Flammable Limits None	LEL 0.7%	UEL 6.1%
Extinguishing Media Dry powder, foam, CO₂			
Special Fire Fighting Procedures Class B Fire Procedures			
Unusual Fire and Explosion Hazards Combustible liquid - Keep away from heat, sparks and open flame			

Section V - Reactivity Data

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

Section VI - Health Hazard Data

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

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

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.

* U.S.G.P.O.: 1986 - 491 - 529/45775