

Material Safety Data Sheet

May be used 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)

WAX REMOVER RR4

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

Futurrex, Inc.

Address (Number, Street, City, State and ZIP Code)

12 Cork Hill Road

Franklin, New Jersey 07416

Emergency Telephone Number

973-579-1324

Telephone Number for Information

973-579-1324

Date Prepared

1/19/99

Signature of Prepare (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	CAS Number	% (optional)
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Dimethyl Sulfoxide	None	None	67-68-58	98-100
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*This formulation does not incorporate Proposition 65 listed chemicals.

All components of the product are registered in the Chemical Substance Inventory according with the Toxic Substance Control Act.

Section III - Physical/Chemical Characteristics

Boiling Point (°C)	189	Specific Gravity (H2O=1)	>1
Vapor Pressure (mm Hg) (20°C)	0.46	Melting Point (°C)	18.3
Vapor Density (AIR=1)	2.7	Evaporation Rate (Butyl Acetate=1)	<1

Solubility in Water

Unlimited

Appearance and Odor

Clear liquid, Slight odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits.	LEL	UEL
89°C, Tag Closed Cup	% volume in air	3.0-3.5	42-63

Extinguishing Media.

Foam, carbon dioxide, dry powder, water spray.

Special Fire Fighting Procedures.

Wear a self contained breathing apparatus.

Unusual Fire and Explosion Hazard.

Burning dimethyl sulfoxide produces poisonous gases (sulfur oxides).

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid
			Prolonged heating above 150°C
	Stable	X	
Incompatibility (Materials to Avoid)			
Organic and inorganic acid chlorides, strong oxidizing agents, alkali metals.			
Hazardous Decomposition or Byproducts			
Sulfur dioxide, formaldehyde, methyl mercaptan, dimethyl sulfide.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	N.A.
Section VI - Health Hazard Data			
Route(s) of Entry:		Inhalation?	Skin?
		Yes	Yes
			Ingestion?
			Yes
Health Hazards (Acute and Chronic)			
Inhalation: High vapor concentration may cause headache, dizziness. Skin: DMSO may penetrate the skin under certain conditions.			
Ingestion: <4.5 G/kg (rat)			
Carcinogenicity:		NTP?	IARC Monographs?
		No	No
			OSHA Regulated?
			No
Signs and Symptoms of exposure			
Inhalation: may cause dizziness. Eyes and skin: may cause irritation.			
Medical Conditions Generally Aggravated by Exposure			
Not investigated.			
Emergency and First Aid Procedures			
Inhalation: remove victim to fresh air. Skin contact: wash with soap and water. Ingestion: Do not induce vomiting. Get medical attention.			
Section VII - Precautions for Safe Handling and Use			
Precautions to Be Taken in Case Material is Released or Spilled			
Dilute and flush to wastewater treatment or absorb with inert material. Do not allow the material to enter streams or waterways.			
Waste Disposal Method			
Place in a disposal facility approved under RCRA regulation for hazardous waste.			
Precautions to Be Taken in Handling and Storing			
Keep away from heat, sparks and open flames. Keep containers tightly closed. Store away from strong oxidizing agents in a cool and dry place.			
Other Precautions			
None.			
Section VIII - Control Measures			
Respiratory Protection (Specify Type)			
Do not breathe vapor or mist.			
Ventilation	Local Exhaust		Special
	Good ventilation should be used.		Use with exhaust equipment with discharge to outdoors.
	Mechanical (General)		Other
	Explosion-proof ventilation equipment.		No smoking or open flames.
Protective Gloves		Eye Protection	
Chemically resistant polyethylene gloves.		Chemical splash goggles or face shield.	
Other Protective Clothing or Equipment			
Usually not needed			
Work/Hygenic Practices			
Follow regulations appropriate for handling flammable chemicals.			
Section IX - HMIS Hazard Rating Scale			
Health: 1 Flammability: 1 Reactivity: 0			