

MATERIAL SAFETY DATA SHEET

LIBERATE

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Liberate
Manufacturer: Dura Wax Company, Inc.
4101 Albany Street
McHenry, Illinois 60050

Emergency: Call INFOTRAC (24 hrs) 1-800-535-5053
Dura Wax Telephone Number 1- 800-435-5705
M.S.D.S. Effective Date: December 21, 2001
Supercedes Date: October 1, 2000

2. HAZARDOUS INGREDIENTS AND IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>CAS NUMBER</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
2-butoxyethanol	111-76-2	7-11	25 ppm	25 ppm
monoethanolamine	141-43-5	7-11	3 ppm	3 ppm

3. REGULATORY INFORMATION

SARA TITLE III - Toxic Substances (313)

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight %</u>
2-butoxyethanol	111-76-2	7-11

4. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point (°F):	212	Specific Gravity (Water = 1):	1.01
Vapor Pressure (mm Hg):	17	Percent Volatile (by volume):	99.5
Vapor Density (Air = 1):	0.6	Evaporation Rate (Butyl Acetate = 1):	ND
Appearance:	Green Liquid	Solubility in Water:	Complete
Odor:	Lemon Fragrance	pH, 20% Solution:	8.5

5. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	None	Flammable Limits: Lower Explosion Level - NA Upper Explosion Level - NA
Extinguishing Media:	No fire hazard.	HMIS Codes: Health - 2 Flammability - 0 Reactivity - 0 Personal Protection - B
Special Fire Fighting Procedures:	No fire hazard.	
Unusual Fire and Explosion Hazards:	None known.	

6. REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	Temperature extremes.
Incompatibility:	Strong acids and oxidizers.
Hazardous Polymerization:	Will not occur.

7. HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation ? Yes	Skin ? Yes	Ingestion ? Yes
Health Hazards (Acute and Chronic):	May cause eye and skin irritation.		
Carcinogenicity:	NTP ? No	IARC Monographs ? No	OSHA Regulated ? No
Signs and Symptoms of Exposure:	Prolonged or repeated contact may defat skin and cause skin irritation. Contact with eyes may cause irritation.		
Medical Conditions Aggravated by Exposure:	Unknown.		
Emergency and First Aid Procedures:	INHALATION: Move to fresh air. Consult physician if irritation persists. EYES: Flush with clean water for 15 minutes. Consult physician. SKIN: Rinse skin with plenty of clean water. Remove contaminated clothing. If irritation persists, consult physician. CLOTHING: Remove contaminated clothing. INGESTION: Drink several glasses of water and induce vomiting. Get medical help.		

8. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:	Dilute with water. Diluted material may be mopped up or picked up with a wet vacuum system.
Waste Disposal Method:	Dilute with large amounts of water. Small diluted quantities may be flushed down a drain. For larger quantities consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.
Precautions to Be Taken in Handling and Storage:	Store in cool, dry place. Keep containers closed when not in use. Do not store near strong acids or oxidizers.
Other Precautions:	KEEP OUT OF THE REACH OF CHILDREN.

9. CONTROL MEASURES

Protective Gloves:	Chemical resistant recommended.
Eye Protection:	Chemical splash goggles.
Other Protective Clothing or Equipment:	Protective clothing where splashing may occur.
Respiratory Protection:	Use approved respirators if airborne concentrations exceed exposure limits.
Ventilation:	Local Exhaust - Only necessary when general ventilation is not available. Mechanical (General) - Use good general ventilation to prevent over exposure. Special / Other - NA
Work & Hygienic Practices:	Normal.

10. ADDITIONAL INFORMATION

The information contained herein is believed to be accurate, but not warranted.

NA = Not Applicable

ND = Not Determined

NE = Not Established

UNK = Unknown