

# MATERIAL SAFETY DATA SHEET

## ORANGE-AID SPRAY FORMULA

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Orange-Aid Spray Formula	Emergency Telephone Number:	(800) 435-5705
Manufacturer:	Dura Wax Company, Inc. 4101 Albany Street McHenry, Illinois 60050	Information Telephone Number:	(815) 385-5000
		M.S.D.S. Effective Date:	October 26, 2005
		Supersedes Date:	August 6, 2003

### 2. HAZARDOUS INGREDIENTS AND IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>CAS NUMBER</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Diethylene glycol monobutyl ether	112-34-5	1-4	25 ppm	25 ppm

### 3. REGULATORY INFORMATION

SARA TITLE III - Toxic Substances (313)

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight %</u>
Diethylene glycol monobutyl ether	112-34-5	2-5

### 4. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point (°F):	212	Specific Gravity (Water = 1):	1.02
Vapor Pressure (mm Hg):	17	Percent Volatile (by volume):	<2%
Vapor Density (Air = 1):	0.6	Evaporation Rate (Butyl Acetate = 1):	ND
Appearance:	Yellow Liquid	Solubility in Water:	Complete
Odor:	Orange	pH	9.0-9.5

### 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 - C
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 will 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. INGESTION: Drink several glasses of water. Do not 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