



# Material Safety Data Sheet

<b>Protective Clothing</b>	<b>HCS</b>	<b>DOT</b>
	Class: Irritating substance.	

<b>Section I. Product Identification and Uses</b>	
<b>Synonyms</b>	Not available.
<b>Common/Trade name</b>	<b>Ma-Res W200</b>
<b>Chemical name</b>	Not applicable
<b>Chemical formula</b>	Not applicable
<b>Chemical family</b>	Not available.
<b>Manufactured/Supplied</b>	Maple Solutions 3019 Lake Road Dollard Des Ormeaux, QC H9B 2R3 Canada
<b>Material uses</b>	Not available.
<b>Validation Date</b>	<b>Validated on 12/12/2006.</b>
<b>HMIS</b>	<b>H 2 F 0 R 0 PE B</b>
<b>TSCA</b>	TSCA inventory: All components listed.  TSCA 12(b) one time export: Not Listed. TSCA 12(b) annual export notification: Not Listed.
<b>DSL</b>	CEPA DSL: Listed. CEPA NDSL: Not Listed.
<b>CAS#</b>	Mixture.
<b>Code</b>	<b>S06111302A</b>
<b>Molecular weight</b>	Not applicable
<b>Revision Number</b> 1 <span style="float: right;">Not avail</span>	

<b>Section IA. First Aid Measures</b>		<b>Ma-Res W200</b>
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.	
<b>Skin contact</b>	Wash with soap and water. Get medical attention if irritation develops or persists.	
<b>Hazardous inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.	
<b>Hazardous ingestion</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.	

<b>Section II. Hazardous Ingredients</b>		<b>Ma-Res W200</b>		
Name	CAS #	% by Weight	TLV/PEL	LC <sub>50</sub> /LD <sub>50</sub>
1) Formaldehyde	50-00-0	0.25	CEIL: 0.3 (ppm) from ACGIH (TLV) [United States]	Not available.
2) Diethylene Glycol	111-46-6	< 5.0	Not available.	Not available.

<b>Section III. Physical Data</b>		<b>Ma-Res W200</b>
<b>Physical state and appearance</b>	Liquid. (Clear)	<b>Odor</b> Mild
<b>pH and Solution Conc.</b>	2 to 3 (Neat)	<b>Taste</b> Not available.
<b>Odor threshold</b>	Not available.	<b>Color</b> Colorless to light yellow.
<b>Volatility</b>	71 to 76% (w/w).	
<b>Melting point</b>	May start to solidify at 0 °C (32 °F) based on data for: Water.	
<b>Boiling point</b>	100 °C (212 °F)	

Specific gravity	1.09 (Water = 1)
Vapor density	Not available.
Vapor pressure	Not available.
Evaporation rate	Not available.
Viscosity	Not available.
Ionicity (surface active agent)	Cationic.
Critical temperature	Not available.
Instability temperature	Not available.
Conditions of instability	Not available.
Dispersion properties	See solubility in water.
Solubility	Easily soluble in cold water, hot water.
VOC's (g/L)(EPA 24/24A)	Not determined.
HAPs or TAPs	Clean air act (CAA) 112 accidental release prevention: Formaldehyde Clean air act (CAA) 112 regulated flammable substances: Not Listed. Clean air act (CAA) 112 regulated toxic substances: Not Listed.

**Section IV. Fire and Explosion Data****Ma-Res W200**

The product is:	Non-flammable.
Auto-ignition temperature	Not applicable
Fire degradation products	Not applicable
Flash points	Not applicable
Flammable limits	Not applicable
Fire extinguishing procedures	Not applicable
Flammability	Not applicable
Risks of explosion	Non-explosive in presence of open flames and sparks, of shocks.

**Section V. Reactivity Data****Ma-Res W200**

Stability	The product is stable.	
Freeze/Thaw Stability	Not available.	
Hazardous decomp. products	Oxides of carbon	Not available.
Degradability	Not available.	
Products of degradation	Oxides of carbon	Not available.
	Not available.	
Corrosivity	Not considered to be corrosive for metals and glass.	
Reactivity	Slightly reactive to reactive with oxidizing agents. Non-reactive with acids, alkalis.	

**Section VI. Toxicological Properties****Ma-Res W200**

Routes of entry	Eye contact. Inhalation. Ingestion.
TLV	Refer to Section II. Hazardous Ingredients.
Toxicity to animals	LD50: Not available. LC50: Not available.
Chronic effects on humans	<b>CARCINOGENIC EFFECTS:</b> Classified 1 (Clear evidence.) by NTP, + (Proven.) by OSHA [Formaldehyde]. Classified 2A (Probable for human.) by IARC [Formaldehyde]
Acute effects on humans	Slightly hazardous in case of eye contact (irritant), of ingestion.
Aquatic Toxicity (LC50)	Not available.

**Section VII. Preventive Measures****Ma-Res W200**

Waste information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste stream	Not available.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.
Precautions	Keep locked up. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.
Small spill and leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal. If necessary: <b>Neutralize the residue with a dilute solution of sodium carbonate.</b>
Large spill and leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal. <b>Neutralize the residue with a dilute solution of sodium carbonate.</b> Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Protective clothing in case of large spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Section VIII. Classification****Ma-Res W200**

DOT	CLASS 9: Miscellaneous hazardous material.
	
	Not regulated if shipped in less than bulk quantities.
	RQ, Environmentally hazardous substances n.o.s. (Liquid), 9, UN3082, III      RQ Not available.      Not available.
	NOT REGULATED for less than bulk quantities.
Maritime transportation	Not available.
HCS	Class: Irritating substance. Not available.
Federal and State Regulations	California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Formaldehyde. Note: California Prop. 65 requires the listing of reportable chemicals that is believed to exist in this product at any detected, or suspected, level no matter how minute.

Pennsylvania RTK: Formaldehyde: (special hazard, environmental hazard); Diethylene Glycol  
 Massachusetts RTK: Formaldehyde  
 New Jersey: Glycolated DMDHEU; Formaldehyde  
 CERCLA: Hazardous substances.: Formaldehyde: 100 lbs. (45.36 kg);  
 SARA 313 toxic chemical notification and release reporting: Formaldehyde  
 Not available.

**International Lists**

Not Listed.

**Section IX. Protective Clothing**

Ma-Res W200

Safety glasses. Lab coat. Gloves (impervious).



**Section X. Other Information**

Ma-Res W200

**References** Not available.

<b>Special Test Results</b>	Not available.	Not available.	Not available.	Not available.
	Not available.	Not available.	Not available.	Not available.

Validated by Sandy Carter on 12/12/2006.

Verified by Sandy Carter.

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