

MSDS - Denaturant G

9/21/2009

**MATERIAL SAFETY DATA SHEET****BIRKO Corporation****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Denaturant G  
 Product Code: 100237

**Manufacturer**  
 BIRKO Corporation  
 9152 Yosemite Street  
 Henderson, CO 80640  
 (303) 289-1090  
 www.birkocorp.com

**Emergency Phone Numbers**

**Transportation:**  
 CHEMTREC (800) 424-9300

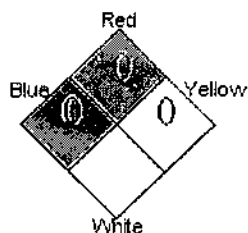
**Non-Transportation:**  
 BIRKO (303) 289-1090  
 (800) 525-0476

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

CAS #	Component	Exposure Limit
	None	PEL None

**3. PHYSICAL AND CHEMICAL PROPERTIES**

Physical Form Liquid  
 Color Dark Green  
 Odor Odorless  
 Boiling Point 212-220 F  
 Freeze Point 25-30° F  
 Water Solubility Complete  
 Specific Gravity 1.00  
 Vapor Pressure N/A  
 Vapor Density > 1  
 Evaporation Rate < 1

**NFPA Ratings**

**Blue - Health Hazard**  
 4 - Deadly  
 3 - Extreme Danger  
 2 - Hazardous  
 1 - Slightly Hazardous  
 0 - Insignificant Hazard

**Red - Fire Hazard**  
 4 - Flash Point < 73°F  
 3 - Flash Point > 73°F and < 100°F  
 2 - Flash Point > 100°F and < 200°F  
 1 - Flash Point > 200°F  
 0 - Noncombustible

**Yellow - Reactivity**  
 4 - May Detonate  
 3 - Shock or Heat may Detonate  
 2 - Violent Chemical Change  
 1 - Unstable If Heated  
 0 - Stable

**White - Specific Hazard**  
 ACID - Acid  
 ALK - Alkali  
 COR - Corrosive  
 OXY - Oxidizer  
 P - Polymerization  
 RA - Radioactive  
 W - Use No Water

**4. FIREFIGHTING MEASURES**

Flash Point	Not Applicable
Extinguishing Media	Water, Carbon Dioxide, Dry Chemical, Foam Blanket
Special Procedures	Always wear self - contained breathing apparatus when fighting a chemical fire.
Unusual Fire/Explosion Hazard	Carbon Monoxide / Carbon Dioxide gases (toxic) liberated during combustion.

**5. REACTIVITY**

Stability	This product should maintain its physical character when stored closed at moderate temperatures, between 28 °F and 105 °F.
Hazardous Polymerization	This product does not polymerize under normal storage and use conditions.
Incompatible Materials	Acids, Oxidizers, Strong Alkali
Decomposition Products	Carbon Monoxide / Carbon Dioxide gases (toxic) liberated during combustion.













































**HMIS**

0	<b>FLAMMABILITY</b>
0	<b>HEALTH</b>
0	<b>REACTIVITY</b>
A	Personal Protection

**Hazard Index**

4 - Severe  
3 - Serious  
2 - Moderate  
1 - Slight  
0 - Minimal

**Personal Protective Index**

A 	E   	I   
B  	F    	J   
C   	G   	K    
D   	H    	X Ask your supervisor
          		

**6. POTENTIAL HEALTH EFFECTS**

Routes of Entry	Eye contact, Skin contact, Inhalation, Ingestion
Acute / Chronic Inhalation	Although this product is not likely to be immediately harmful on inhalation, one should take measures to avoid the inhalation of any foreign substance.
Acute / Chronic Skin Contact	If allowed to remain on skin for extended periods of time irritation may occur.
Acute / Chronic Eye	

Contact Irritates on contact. Corneal damage possible with extended exposure.

Ingestion No health hazards anticipated with ingestion of this product.

## 7. FIRST AID MEASURES

Inhalation Remove from exposure. Administer oxygen if breathing is difficult. Resuscitate if necessary. Get medical help immediately.

Skin Contact Promptly Rinse exposed areas with water. Do not wear contaminated clothing until it has been laundered. If irritation persists, consult physician.

Eye Contact Immediately rinse eyes thoroughly in cool running water for at least 15 minutes. If irritation persists, or inflammation or swelling occurs, seek medical attention.

Ingestion DO NOT induce vomiting. Have a conscious victim drink milk or water to dilute. Never give an unconscious person anything by mouth. Get medical help immediately.

## 8. ACCIDENTAL RELEASE MEASURES

Avoid contamination of food, feed, waterway, or groundwater. Capture material and contain for re-use or disposal. Remainder may be rinsed to a sewer.

## 9. WASTE DISPOSAL CONSIDERATIONS

Dispose in approved landfill according to Federal, State, and Local Regulations.

## 10. HANDLING AND STORAGE

Do not contaminate food, feed, or natural water. Keep container closed when not in use. Store in a cool, dry location. Supplier not responsible for disposition of this product. Do not reuse container.

## 11. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection Safety Glasses

Skin Protection No skin protection is required

Respiratory Protection NIOSH approved self contained breathing apparatus for exposure above PEL.

Ventilation General exhaust acceptable if PEL not exceeded.

## 12. TSCA CERTIFICATION

Birko Corporation certifies that all ingredients in this chemical formulation comply with all applicable rules or orders under TSCA and that we are not offering a chemical substance for entry in violation of TSCA or any applicable rule or order under TSCA.

## 13. APPROVALS

Reason for Issue Amendments

Prepared By Terry McAninch, Chemist

Approved By Mike S. Brown

Title Chief Operating Officer

Supersedes Date 2/2/2005  
MSDS Number I00237