



Material Safety Data Sheet
 Golden West Global 50/50
 Antifreeze & Summer Coolant

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 39 CFR 1910.1200. Standard must be 39 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) Golden West Global Antifreeze & Summer Coolant		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 Golden West Packaging Plant		Emergency Telephone Number 210-649-1401	
Address (Number, street, city, state and ZIP code) 13598 Hwy 87 East Adkins, TX 78101		Telephone Number for Information 210-649-1401	
		Date Prepared 2007	
		Signature of Preparer (optional)	
Section II - Component and Precautionary Data			
Principle Components: 1,2 ethanediol (Ethylene Glycol), Diethylene Glycol, Water, Sodium Nitrite, Potassium Hydroxide Solution, Sodium Benzoate, Sodium Molybdate Dihydrate, Proprietary Inhibitors - Dye - Hazardous according to OSHA (1910.1200) or one or more state Right-to-Know lists		Health 2 Flammability 1 Reactivity 0	Weight % 47-50% CAS No.
Section III - Physical/Chemical Characteristics			
Boiling Point (760 mm Hg)	339°F	Specific Gravity (H2O = 1)	1.110-1.125
Vapor Pressure (mm Hg.) @20°C	18mm Hg	Melting Point	
Vapor Density (AIR = 1)		Evaporation Rate (Butyl Acetate = 1)	NIL
Solubility in Water - Soluble			
Appearance and Odor - Clear liquid with a mild odor (may contain dye in one of several colors).			
Section IV - Fire and Explosion Hazard Data			
Flash Point (Method Used)	247°F	Flammable Limits	LEL - N.D. UEL - N.D.
Extinguishing Media - Use water spray, dry chemical, foam or carbon dioxide to extinguish.			
Special Fire Fighting Procedures - Use water spray, dry chemical, foam or carbon dioxide to extinguish.			
Unusual Fire Explosion Hazards - Products evolved when subjected to heat or combustion. Carbon Monoxide and Carbon Dioxide may formed on burning in limited air supply.			
Style CU-FP 174 Labelmaster, Div. Of American Labelmark Co. Inc. 60646		OSHA 174, Sept. 1985	

Section V - Reactivity Data			
Stability - Stable		Conditions to Avoid -	
Incompatibility (Materials to Avoid) - Strong Oxidizers.			
Hazardous Decomposition or Byproducts - Carbon Dioxide and Carbon Monoxide			
Hazardous Polymerization	May Occur	Conditions to Avoid - High temperatures above 413°C (775°F) (product can decompose).	
	Will Not Occur - X		
Section VI - Health Hazard Data			
Route(s) of Entry:		Inhalation? Yes	Skin? Yes
Ingestion? Yes			
Health Hazards (Acute and Chronic) - May cause minimal irritation, experienced as temporary discomfort. Can cause drowsiness. Can damage the liver and kidney in a two year laboratory animal study.			
Carcinogenicity: N.A.	NTP? N.A.	IARC Monographs? N.A.	OSHA Regulated? N.D.
Signs and Symptoms of Exposure - May cause minimal eye irritation, experienced as temporary discomfort.			
Medical Conditions Generally Aggravated - Toxic if swallowed which could lead to fatality. Inhalation may cause irritation of the nose and throat, headache, nausea, and drowsiness. Prolonged contact on skin, may cause defatting of skin or irritation.			
Emergency First Aid Procedures - With eye contact, flush with large quantities of water. Remove excess with cloth or towel and wash thoroughly with soap and water. If it persists, get medical attention. If ingested, immediately contact a physician.			
Section VII - Precautions for Safe Handling and Use			
Steps to be Taken in Case Material is Released or Spilled - Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways.			
Waste Disposal Method - Dispose of waste in accordance with Federal, State and Local laws. Containers should be cleaned of residual product before disposal.			
Precautions to be Taken in Handling and Storing - Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperature should be minimized. Water contamination should be avoided.			
Other Precautions -			
Section VII - Control Measures			
Respiratory Protection (Specify Type) - Required			
Ventilation	Local Exhaust - Yes	Special	
	Mechanical (General)	Other	
Protective Gloves - Yes			
Eye Protection - Goggles			
Other Protective Clothing or Equipment - Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact.			
Work/Hygienic Practices - Exposed employees should exercise reasonable personal cleanliness. Wash exposed skin areas several times daily with soap and water.			
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