

# Safety Data Sheet



## SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

### Golden West Antifreeze & Summer Coolant 50/50 Blend

**Product Use:** Antifreeze/Coolant

**Product Number(s):** Afz 047077211120, Afz 046071000020

**Company Identification**

Golden West Packaging Co.  
13598 Hwy 87 East  
Adkins, TX 78101  
United States of America  
www.alliedsalesco.com

**Transportation Emergency Response**

210-649-1401

**Health Emergency**

210-649-1401

**Product Information**

210-649-1401

## SECTION 2 HAZARDS IDENTIFICATION

**CLASSIFICATION:** Classified as hazardous according to 29 CFR 1910.1200.

## SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Principle Component: Ethylene Glycol - 107-21-1 (47 - 50%) Diethylene Glycol - 111-46-6 (2.5%)

## SECTION 4 FIRST AID MEASURES

**Description of first aid measures**

**Eye:** Any material that contacts the eye should be washed out immediately and medical attention obtained if any symptoms are present after washing.

**Skin:** No applicable information available.

**Ingestion:** If ingested, give two glasses of water and induce vomiting. Consult medical personnel.

**Inhalation:** Remove to fresh air and consult medical personnel.

**Most important symptoms and effects, both acute and delayed**

**IMMEDIATE SYMPTOMS AND HEALTH EFFECTS**

**Eye:** Contact with eyes could cause irritation.

**Skin:** Prolonged contact with skin could result in irritation.

**Ingestion:** Oral induction can cause initial central nervous system stimulation followed by depression. Later it causes kidney damage which can terminate fatally. Lethal dose for human reported to be 100ml.

**Inhalation:** Very toxic in particulate form upon inhalation.

**DELAYED OR OTHER SYMPTOMS AND HEALTH EFFECTS:**

Indication of any immediate medical attention and special treatment needed

**SECTION 5 FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Dry chemical, CO2, foam, or water fog.

**PROTECTION OF FIRE FIGHTERS:**

**Fire Fighting Instructions:** Wear self-contained breathing apparatus with full face piece and protective clothing.

**Unusual Fire and Explosion Hazards:** None known

**Combustion Products:** No applicable information available.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Protective Measures:** No applicable information available.

**Spill Management:** Small spills may be collected with absorbent materials. For larger spills, flush area with water spray. Prevent runoff from entering drains, sewers, or streams.

**Reporting:** No applicable information available.

**SECTION 7 HANDLING AND STORAGE**

**Precautionary Measures:** Keep from contact with strong oxidizing agents and extreme heat in excess of 300°C. Since emptied containers retain product residue, follow product label warnings even after container is emptied.

**General Handling Information:** Use chemical resistant gloves.

**Static Hazard:** No applicable information available.

**Container Warnings:** No applicable information available.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**GENERAL CONSIDERATIONS:**

If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended.

**ENGINEERING CONTROLS:**

**Ventilation:** Good ventilation should be sufficient to control airborne levels. Supplementary local exhaust ventilation may be needed in special circumstances, such as poorly ventilated spaces, spraying, heating, etc. If respiratory protection is needed, an appropriate NIOSH approved respirator for organic vapor should be worn.

Local Exhaust: Yes Mechanical (General): Not Applicable Special: Not Applicable Other: Not Applicable

**PERSONAL PROTECTIVE EQUIPMENT:**

**Eye/Face Protection:** Goggles - an eye bath should be available.

**Skin Protection:** Protective gloves and a face shield is recommended. Wash thoroughly after handling. Good hygiene practice should be followed which includes minimizing skin contact.

**Respiratory Protection:** Not required.

**Occupational Exposure Limits:** No applicable information available.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**Attention:** The data below are typical values and do not constitute a specification.

**Color:** Green liquid color  
**Physical State:** Liquid  
**Odor:** Mild odor  
**Odor Threshold:** No data available.  
**pH:** Not Applicable  
**Vapor Pressure (mm Hg.):** 0.02  
**Vapor Density (Air = 1):** 2.1  
**Initial Boiling Point:** 339°F  
**Solubility:** Appreciable  
**Freezing Point:** Not Applicable  
**Melting Point:** Not Applicable  
**Specific Gravity (H<sub>2</sub>O = 1):** 1.10  
**Density:** No data available.  
**Viscosity:** No data available.  
**Evaporation Rate:** NIL  
**Decomposition Temperature:** No data available.  
**Octanol/Water Partition Coefficient:** No data available.

**FLAMMABLE PROPERTIES:**

**Flammability (solid, gas):** No data available.  
**Flashpoint (Method Used):** 247°F TOC  
**Autoignition:** No data available.  
**Flammability (Explosive) Limits (% by volume in air):** Lower: 1.5 Upper: Not Determined

**SECTION 10 STABILITY AND REACTIVITY**

**Reactivity:** No applicable information available.  
**Chemical Stability:** Stable  
**Incompatibility With Other Materials:** None know.  
**Hazardous Decomposition Products:** Combustion will produce Carbon Dioxide and probably Carbon Monoxide.  
**Hazardous Polymerization:** Will not occur  
**Conditions to Avoid:** Avoid contact with strong oxidizing agents.

**SECTION 11 TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Routes of Exposure:** Inhalation: Yes Skin: Yes Ingestion: Yes  
**Serious Eye Damage/Irritation:** Contact with eyes could cause irritation.  
**Skin Corrosion/Irritation:** Prolonged contact with skin could result in irritation.  
**Skin Sensitization:** No applicable information available.  
**Acute Dermal Toxicity:** No applicable information available.  
**Acute Oral Toxicity:** Oral induction can cause initial central nervous system stimulation followed by depression. Later, it causes kidney damage which can terminate fatally. Lethal dose for human reported to be 100ml.  
**Acute Inhalation Toxicity:** Very toxic in particulate form upon inhalation.  
**Acute Toxicity Estimate:** No applicable information available.  
**Germ Cell Mutagenicity:** No applicable information available.  
**Carcinogenicity:** No applicable information available.  
**NTP:** No applicable information available.  
**Reproductive Toxicity:** No applicable information available.  
**Specific Target Organ Toxicity–Single Exposure:** No applicable information available.  
**Specific Target Organ Toxicity–Repeated Exposure:** No applicable information available.

**ADDITIONAL TOXICOLOGY:**

No applicable information available.

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| <b>SECTION 12 ECOLOGICAL INFORMATION</b> |
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**ECOTOXICITY:**

No applicable information available.

**MOBILITY:**

No applicable information available.

**PERSISTENCE AND DEGRADABILITY:**

No applicable information available.

**POTENTIAL TO BIOACCUMULATE:**

Bioconcentration Factor: No data available.

Octanol/Water Partition Coefficient: No data available.

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| <b>SECTION 13 DISPOSAL CONSIDERATIONS</b> |
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Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by USEPA under RCRA (40CFR261), Environment Canada, or other State, Provincial, and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

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| <b>SECTION 14 TRANSPORT INFORMATION</b> |
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The description shown may not apply to all shipping situations. Consult 49 CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

**DOT Shipping Description:** DOT HAZARD CLASSIFICATION: OTHER REGULATED SUBSTANCES, N.O.S. (CONTAINS ETHYLENE GLYCOL) 9, NA 3082, PGIII, RQ, GUIDE 31, ANTIFREEZE. THIS ONLY APPLIES TO QUANTITIES OF 5000 POUNDS OR MORE OF ETHYLENE GLYCOL CONCENTRATION.

**IMO/IMDG Shipping Description:** ANTIFREEZE, NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORT UNDER THE IMDG CODE.

**ICAO/IATA Shipping Description:** ANTIFREEZE, NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORT UNDER ICAO TI OR IATA DGR.

**Transport in bulk according to Annex II MARPOL 73/78 and the IBC code:** Not Applicable.

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| <b>SECTION 15 REGULATORY INFORMATION</b> |
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**EPCRA 311/312 CATEGORIES:**

|                                       |    |    |
|---------------------------------------|----|----|
| 1. Immediate (Acute) Health Effects:  | NO | NO |
| 2. Delayed (Chronic) Health Effects:  | NO | NO |
| 3. Fire Hazard:                       | NO | NO |
| 4. Sudden Release of Pressure Hazard: | NO | NO |
| 5. Reactivity Hazard:                 | NO | NO |

**REGULATORY LISTS SEARCHED:**

|                     |                      |           |
|---------------------|----------------------|-----------|
| 01-1=IARC Group 1   | 02=NTP Carcinogen    | 05=MA RTK |
| 01-2A=IARC Group 2A | 03=EPCRA 313         | 06=NJ RTK |
| 01-2B=IARC Group 2B | 04=CA Proposition 65 | 07=PA RTK |

The following components of this material are found on the regulatory lists indicated.  
Data not available.

**CHEMICAL INVENTORIES:**

All components comply with the following chemical inventory requirements:

**NEW JERSEY RTK CLASSIFICATION:**

Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows:

**SECTION 16 OTHER INFORMATION**

**NFPA RATINGS:** Health: 2 Flammability: 1 Reactivity: 0

**HMIS RATINGS:** Health: Not Applicable Flammability: Not Applicable Reactivity: Not Applicable (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, \*- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

**REVISION STATEMENT:** This revision updates the following sections of this Safety Data Sheet: 1-16.

**Revision Date:** JUNE 30, 2015

**ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:**

|   |  |
|---|--|
| TLV - Threshold Limit Value                                       | TWA - Time Weighted Average                            |
| STEL - Short-term Exposure Limit                                  | PEL - Permissible Exposure Limit                       |
| GHS - Globally Harmonized System                                  | CAS - Chemical Abstract Service Number                 |
| ACGIH - American Conference of Governmental Industrial Hygienists | IMO/IMDG - International Maritime Dangerous Goods Code |
| API - American Petroleum Institute                                | SDS - Safety Data Sheet                                |
| HMIS - Hazardous Materials Information System                     | NFPA - National Fire Protection Association (USA)      |
| DOT - Department of Transportation (USA)                          | NTP - National Toxicology Program (USA)                |
| IARC - International Agency for Research on Cancer                | OSHA - Occupational Safety and Health Administration   |
| NCEL - New Chemical Exposure Limit                                | EPA - Environmental Protection Agency                  |
| SCBA - Self-Contained Breathing Apparatus                         |  |

Prepared according to the 29 CFR 1910.1200 (2012) by Golden West Packaging Company, 13598 Hwy 87 East, Adkins, TX 78101.

**The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.**