

Safety Data Sheet



SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Golden West Antifreeze & Summer Coolant

Product Use: Antifreeze/Coolant

Product Number(s): Afz 047077211113, Afz 046071000013

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 (95 - 100%) Diethylene Glycol - 111-46-6 (5 - 0%)

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.): 0.04
Vapor Density (Air = 1): No data available.
Initial Boiling Point: 172°C
Solubility: Appreciable
Freezing Point: Not Applicable
Melting Point: Not Applicable
Specific Gravity (H₂O = 1): 1.13
Density: No data available.
Viscosity: No data available.
Evaporation Rate: No data available.
Decomposition Temperature: No data available.
Octanol/Water Partition Coefficient: No data available.

FLAMMABLE PROPERTIES:

Flammability (solid, gas): No data available.
Flashpoint (Method Used): 245°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.

SECTION 12 ECOLOGICAL INFORMATION
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.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of observing all Federal, State, and Local Laws.

SECTION 14 TRANSPORT INFORMATION

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.

SECTION 15 REGULATORY INFORMATION

EPCRA 311/312 CATEGORIES:	1. Immediate (Acute) Health Effects:	NO
	2. Delayed (Chronic) Health Effects:	NO
	3. Fire Hazard:	NO
	4. Sudden Release of Pressure Hazard:	NO
	5. Reactivity Hazard:	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.