

Nelco Company LLC

SAFETY DATA SHEET – 16 SECTIONS

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Gly-Tek Test Kit		[WHMIS Classification]	
Product Use Detection of Ethylene Glycol base antifreeze in motor oil and transmission fluid			
Manufactures Name Nelco Company LLC		Supplier's Name Same	
Street Address 1047 McKnight Rd. So.		Street Address N/A	
City St. Paul	State MN	City N/A	State N/A
Postal Code 55119	Emergency Telephone (651) 738-2014	Postal Code N/A	Emergency Telephone N/A
Date SDS Prepared April 26, 2016	SDS Prepared By Chuck Nelson	Phone Number (651) 738-2014	

SECTION 2 – COMPOSTION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	%	CAS Number	LD50 of Ingredient (<i>species and route</i>)	LC50 of Ingredient (<i>species</i>)
Liquid in Vials				
AMMONIUM NITRATE	<1%	6484-52-2		No data available
SODIUM META PARIODATE	<1%	7790-28-5		No data available
DISTILLED WATER	>98%	7732-18-5		No data available
Liquid in Indicator Tubes				
BASIC FUSHSIN DYE	<1%	569-61-9		No data available
METHANOL	<25%	67-56-1		No data available
2ON SULFUROUS ACID	<45%	7664-93-9		No data available
DISTILLED WATER	<30%	7732-18-5		No data available
SILICA GEL (saturated with above solution)		112926-00-8		

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Eye Contact	<input type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
Emergency Overview Except for distilled water, hazardous ingredient(s) are in concentrations of less than 1%. All carcinogenic/teratogenic components are in concentrations of less than 0.1%					
Pictogram					
Signal Word(s): HEALTH HAZARD, WARNING					
Potential Health Effects See Section 11: Toxicological Information for details.					

SECTION 4 – FIRST AID MEASURES

<u>Skin Contact</u> Immediately and thoroughly wash area of exposure with soap and water.
<u>Eye Contact</u> Flush thoroughly with water for 15 minutes
<u>Inhalation</u> N/A
<u>Ingestion</u> Call a physician immediately

SECTION 5 – FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions? N/A	
<u>Means of Extinction</u> N/A		
<u>Flashpoint (° C) and Method</u> N/A	<u>Upper Flammable Limit (% by volume)</u> N/A	<u>Lower Flammable Limit (% by volume)</u> N/A
<u>Auto-ignition Temperature (°C)</u> N/A	<u>Explosion Data — Sensitivity to Impact</u> N/A	<u>Explosion Data — Sensitivity to Static Discharge</u> N/A
<u>Hazardous Combustion Products</u> N/A		
<u>NFPA</u> N/A		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

<u>Leak and Spill Procedures</u> Wear appropriate cloth gloves. Absorb liquid material with paper towels and dispose of with normal laboratory trash.
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SECTION 7 – HANDLING AND STORAGE

<u>Handling Procedures and Equipment</u> Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Eyes: Eye protection (safety glasses or goggles) are recommended while using this product.
<u>Storage Requirements</u> Store tubes and vials in the dark between 1 65°F to 80°F. Do not allow product to be subjected to prolonged sunlight exposure.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (<i>specify</i>)
Other: No data available
<u>Specific Engineering Controls (such as ventilation, enclosed process, etc.)</u> Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<u>Personal Protective Equipment (PPE)</u> <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing (<i>specify</i>) <input type="checkbox"/> Other (<i>specify</i>)
Gloves: Protect fingers and eyes when breaking off ends of glass indicator tubes.
Respirator: N/A
Eye: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Footwear: Closed-toe shoes are recommended
Clothing: No specialty clothing required
Other: N/A

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odor and Appearance Sulfur/Clear fluid	Odor Threshold (ppm) No data available
Specific Gravity No data available	Vapor Density (air = 1) No data available	Vapor Pressure (mmHg) No data available
Evaporation Rate No data available	Boiling Point (° F) No data available	Freezing Point (° F) 32
pH Value No data available	Coefficient of Water/Oil Distribution No data available	Solubility in Water No data available

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions? N/A
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones? N/A
Reactivity and under what conditions	
Hazardous Decomposition Products Hazardous polymerization of liquid media will not occur.	

SECTION 11 – TOXICOLOGICAL INFORMATION

Effects of Acute Exposure May cause allergic skin reaction on susceptible individuals NOTE: There is no evidence that the ingredients could be released from the mixture in concentrations that could present a health hazard.	
Effects of chronic exposure No data available	
Irritancy of Product	
Skin sensitization No data available	Respiratory sensitization No data available
Carcinogenicity-IARC No data available	Carcinogenicity – ACGIH No data available
Reproductive toxicity No data available	Teratogenicity No data available
Embryotoxicity No data available	Mutagenicity No data available
Name of synergistic products/effects No data available	

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic / Environmental Toxicity No data available, though large amounts may be harmful to water and wildlife. Appropriately dispose of and store product in accordance with regulatory, federal and state requirements.
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SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Dispose of with normal lab trash. Obey all Federal, State and local regulations.

SECTION 14 – TRANSPORT INFORMATION

<u>Special Shipping Information</u>		
N/A		
<i>This space intentionally left blank</i>		PIN No data available
TDG No data available	DOT No data available	
MO No data available	CAO No data available	

SECTION 15 – REGULATORY INFORMATION

<u>WHMIS Classification</u>	OSHA No data available
SERA No data available	TSCA No data available

SECTION 16 – OTHER INFORMATION

<p>The information, data and recommendations contained herein are believed to be accurate. Nelco Company LLC makes no warranty of any kind whatsoever with respect thereto and disclaims all liability from reliance thereon. We reserve the right to revise this SDS periodically as new information becomes available.</p> <p>Date of Preparation: April 26, 2016.</p>
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