

# Nelco Company LLC

## SAFETY DATA SHEET – 16 SECTIONS

### SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

### 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> )
<b>Liquid in Vials</b>				
<b>AMMONIUM NITRATE</b>	<b>&lt;1%</b>	<b>6484-52-2</b>		No data available
<b>SODIUM META PARIODATE</b>	<b>&lt;1%</b>	<b>7790-28-5</b>		No data available
<b>DISTILLED WATER</b>	<b>&gt;98%</b>	<b>7732-18-5</b>		No data available
<b>Liquid in Indicator Tubes</b>				
<b>BASIC FUSHSIN DYE</b>	<b>&lt;1%</b>	<b>569-61-9</b>		No data available
<b>METHANOL</b>	<b>&lt;25%</b>	<b>67-56-1</b>		No data available
<b>2ON SULFUROUS ACID</b>	<b>&lt;45%</b>	<b>7664-93-9</b>		No data available
<b>DISTILLED WATER</b>	<b>&lt;30%</b>	<b>7732-18-5</b>		No data available
<b>SILICA GEL (saturated with above solution)</b>		<b>112926-00-8</b>		

### 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
<i>Emergency Overview</i> 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					
<i>Potential Health Effects</i> 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 (specify) <input type="checkbox"/> Other (specify)
<b>Gloves: Protect fingers and eyes when breaking off ends of glass indicator tubes.</b>
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

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

## SECTION 10 – STABILITY AND REACTIVITY

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

## SECTION 11 – TOXICOLOGICAL INFORMATION

<b><u>Effects of Acute Exposure</u></b> 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.	
<b><u>Effects of chronic exposure</u></b> No data available	
<b><u>Irritancy of Product</u></b>	
<b><u>Skin sensitization</u></b> No data available	<b><u>Respiratory sensitization</u></b> No data available
<b><u>Carcinogenicity-IARC</u></b> No data available	<b><u>Carcinogenicity – ACGIH</u></b> No data available
<b><u>Reproductive toxicity</u></b> No data available	<b><u>Teratogenicity</u></b> No data available
<b><u>Embryotoxicity</u></b> No data available	<b><u>Mutagenicity</u></b> No data available
<b><u>Name of synergistic products/effects</u></b> No data available	

## SECTION 12 - ECOLOGICAL INFORMATION

<b><u>Aquatic / Environmental Toxicity</u></b> 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

<b><u>Waste Disposal</u></b> Dispose of with normal lab trash. Obey all Federal, State and local regulations.
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## SECTION 14 – TRANSPORT INFORMATION

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

## SECTION 15 – REGULATORY INFORMATION

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