

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			
Manufacturer's Name Nelco Company LLC		Supplier's Name Same	
Street Address(2234 Douglynn Lane		Street Address N/A	
City St. Paul	State MN	City N/A	Province N/A
Postal Code 55119	Emergency Telephone (651) 738-2014	Postal Code N/A	Emergency Telephone N/A
Date MSDS Prepared October 18, 2022	MSDS Prepared By Chuck Nelson	Phone Number (651) 738-2014	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
Liquid in Vials				
AMMONIUM NITRATE	<1%	6484-52-2		No data available
SODIUM META PARIODATE	<1%	7790-28-5		No data available
ETHYLENE GLYCOL	<1%	107-21-1		No data available
DISTILLED WATER	>98%	7732-18-5		No data available
				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
[<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%.
WHMIS Symbols]
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	
Means of Extinction N/A		
Flashpoint (° C) and Method N/A	Upper Flammable Limit (% by volume) N/A	Lower Flammable Limit (% by volume) N/A
Autoignition Temperature (°C) N/A	Explosion Data — Sensitivity to Impact N/A	Explosion Data — Sensitivity to Static Discharge N/A
Hazardous Combustion Products N/A		
[NFPA] N/A		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Wear appropriate cloth gloves, Absorb liquid material with paper towels and dispose of with normal laboratory trash.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment 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.
Storage Requirements Store tubes and vials in the dark between 65°F to 85°F. Do not allow product to be subjected to prolonged sunlight.

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>)
Specific Engineering Controls (<i>such as ventilation, enclosed process</i>) Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.			
Personal Protective Equipment (PPE)			
<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>)			
If checked, please specify type Cloth gloves; Safety glass or goggles			
Gloves: Protect fingers and eyes when breaking off ends of glass indicator tubes.			
Eye: Safety glasses with side shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate standards such as NIOSH (US) or EN 166 (EU).			
Respirator: N/A			
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 (° C) 32
pH 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 Toxicity] No data available, though large amounts may be harmful to water and wildlife. Appropriate dispose of and store product in accordance with regulatory, federal and state requirements.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal Depose of with normal lab trash. Obey all Federal, State and local regulations
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SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information N/A	
This space intentionally blank	PIN No data available
TDG No data available	DOT No data available
MO No data available	CAO No data available

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification]	[OSHA] No data available
[SERA] No data available	[TSCA] No data available

SECTION 16 — OTHER INFORMATION

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.
Date of Preparation: October 18, 2022