SECTION 1 IDENTIFICATION

Product name: APRIL GLOBAL DIESEL LONG LIFE NITRITE-FREE
Product code: 3.7-GLONF50-SF, 77-GLONF50-SF, 205-GLONF50-SF, 900-GLONF50-SF
Intended use: antifreeze/coolant
Manufacturer: Verco International Inc., 9, rue Béland, L'Isle-Verte QC Canada G0L 1K0
Emergency telephone numbers: Verco International: 1 800 393-3921; CANUTEC: (613) 996-6666

SECTION 2 HAZARDS IDENTIFICATION

GHS classification: Acute toxicity (Oral) - Category 4; Reproductive toxicity - Category 1B; Specific target organ toxicity (repeated exposure) - Category 2

GHS label elements:



Signal Word: Danger

Hazard Statements: Harmful if swallowed. May damage fertility or the unborn child. May cause damage to kidneys if swallowed or through prolonged or repeated skin contact.

PREVENTION: Do not handle until all safety precautions have been read and understood. Do not breathe fumes, mist, vapours or spray. Wash hands and skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

INTERVENTION: IF SWALLOWED: Rinse mouth. Immediately call a Poison Control Centre or doctor. If exposed, concerned or feeling unwell, get medical advice or attention.

Storage: Store in a well ventilated place. Keep cool. Keep containers tightly closed. Store locked up.

Disposal: Dispose of contents/containers following government regulations.

Aggravated medical conditions: None known.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

This material is defined as a mixture.

Chemical name	CAS #	Concentration
ethylene glycol	107-21-1	≤47.5 %
sodium benzoate	532-32-1	<1 %
disodium decandioate	17265-14-4	<1 %
sodium tolyltriazole	64665-57-2	<1 %
sodium molybdate	10102-40-6	<1 %
sodium nitrate	7631-99-4	<1 %

SECTION 4 FIRST AID MEASURES

INHALATION: Remove source of exposure or move to fresh air. Call a Poison Control Centre or doctor if unwell.

SKIN CONTACT: Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts) and clean them. Wash skin thoroughly with warm flowing water and mild soap for 5 minutes. Call a Poison Control Centre or doctor if unwell.

EYE CONTACT: Immediately rinse the contaminated eye(s) with lukewarm gently flowing water for 15-20 minutes while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

INGESTION: Rinse mouth with water. Call a Poison Control Centre or doctor if unwell.

Most important symptoms and effects, acute and delayed: IF SWALLOWED: There are 3 stages of effects. Early symptoms can include upset stomach, slurred speech, clumsiness, drowsiness and convulsions. Second stage symptoms can include rapid heartbeat and breathing, bluish lips and skin, fluid in the lungs and heart failure. In the last stage, there can be kidney stones and kidney damage with lower back pain, and increased then decreased urine production. There may be delayed nervous system effects such as paralysis of the face, clumsiness, impaired hearing and blurred vision. Death can occur at any stage.

Medical conditions aggravated by exposure: Dermatitis.

Indications for immediate medical attention: Persistent symptoms.

SECTION 5 FIRE FIGHTING MEASURES

Fire extinguishing agents: CO_2 powder.
Unsafe fire extinguishing agents: None.
Special hazards: Can ignite if strongly heated.
Advice to fire fighters: Wear self-contained respiratory protective device.
Additional information: Cool endangered containers with water spray. Dispose of debris and contaminated water following government regulations.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Methods and material for containment and cleaning up: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers and water courses. Contain and collect spillage with non-combustible, absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth) and place in container for disposal following government regulations. Use spark-proof tools. Use a licensed contractor to dispose of waste. Wear protective clothing.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling: Ensure good interior ventilation. Store in cool, dry place in tightly sealed containers.
Fire and explosion prevention: Protect against electrostatic charges.
Storage requirements: Have solvent resistant, sealed floors. Do not store above 40 °C.
Further information: Store away from foodstuffs and oxidizing agents.

SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS #	ACGIH TLV		OSHA PEL	
		TWA	STEL	TWA	ceiling
ethylene glycol	107-21-1	10 mg/m^3	100 mg/m^3	unknown	50 ppm
sodium benzoate	532-32-1	not available	not available	not available	not available

Ingredients requiring monitoring: This product does not contain any relevant quantities of materials that need to be monitored.

Protective and hygienic measures: Use the standard precautionary measures for handling chemicals. Keep away from food and beverages. Wash hands before breaks and at the end of the day.

Respiratory protection: Not necessary if room is well-ventilated. In case of longer exposure, wear a NIOSH approved air-purifying respirator with the appropriate cartridge.

Skin protection: Wear nitrate rubber protective gloves, aprons and boots.

Eye protection: Wear safety glasses.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Property	Method	Value	
		Concentrated	50/50
color	visual	red	red
specific gravity @ 15.6 °C	ASTM D1122	1.122	1.073
ethylene glycol (%)	ASTM D1123	94	47
water & corrosion inhibitor (%)	ASTM D1123	7.0	50.8
pH	ASTM D1287	n/a	8.3
reserve alkalinity (RA)	ASTM 1121	4.2	2.1
cavitation erosion (minutes)	ASTM 2809	9	9
effect on paint	ASTM 1882	none	none
foam test (ml/sec)	ASTM 1881	50/2	50/2
ash content (%)	ASTM D1119	1.0	0.5
chloride content (mg/L)	ASTM D3634	<25.0	<12.5
boiling point (°C)	ASTM D1120	n/a	108
freezing point (°C)	ASTM D1177	n/a	-37

SECTION 10 STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.
Thermal decomposition: No decomposition if used according to specifications.
Hazardous reactions: Slightly reactive with oxidizing agents, strong acids and bases.
Conditions to avoid: Reactions with oxidizing agents, strong acids and bases.
Incompatible materials: No further relevant information available.
Hazardous products of decomposition: None known.

SECTION 11 TOXICOLOGICAL INFORMATION

Likely routes of exposure: Skin contact, ingestion.

Chemical name	LC50	LC50 (oral)	LC50 (dermal)
ethylene glycol	2,725 mg/m^3 (rat, 4-hour exposure)	1,560 mg/kg (human)	9,530 mg/kg (rabbit)
sodium benzoate	not available	not available	not available

Skin irritation: Human experience and animal tests show mild irritation.

Eye irritation: May cause serious eye irritation. Symptoms include sore, red eyes and tearing.

Respiratory or skin sensitization: Not known to be a respiratory or skin sensitizer.

STOT - single exposure: INHALATION: At high concentrations, may cause nose and throat irritation. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. SKIN ABSORPTION: At high concentrations, may cause mild irritation. Symptoms may include redness, rash, swelling and itching. INGESTION: Toxic and can cause death, depression of the central nervous system and effects on the heart and kidneys. In some cases, there may be delayed effects on the nervous system. There are 3 stages of effects. Early symptoms can include upset stomach, slurred speech, clumsiness, drowsiness and convulsions. Second stage symptoms can include rapid heartbeat and breathing, bluish lips and skin, fluid in the lungs and heart failure. In the last stage, there can be kidney stones and kidney damage with lower back pain, and increased then decreased urine production. There may be delayed nervous system effects such as paralysis of the face, clumsiness, impaired hearing and blurred vision. Death can occur at any stage.

Carcinogenicity

Chemical name	IARC	ACGIH	NTP	OSHA
ethylene glycol	not listed	A4	not listed	not listed
sodium benzoate	not listed	not listed	not listed	not listed

Reproductive toxicity: DEVELOPMENT OF OFFSPRING**:** If swallowed at high concentrations, animal studies have shown decreased weight and soft tissue and skeletal defects. SEXUAL FUNCTION AND FERTILITY: May have negative effects on sexual function and/or fertility.

Germ cell mutagenicity: Not known to be a mutagen.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic toxicity/persistence and degradabilty/bioaccumulative potential/mobility in soil: No further relevant information available.
Additional information: Do not allow product to reach ground water, water course or sewage system.

SECTION 13 DISPOSAL CONSIDERATIONS

Follow government regulations when disposing of empty containers.

SECTION 14 TRANSPORTATION INFORMATION

International regulations:

- IATA-DGR and IMDG Code: Does not apply to this product.
- Annex II of MARPOL 73/78 and the IBC Code: Does not apply to this product.

National regulations: TDG does not apply to this product.

SECTION 15 REGULATORY INFORMATION

The components of this product are reported in the following inventories: DSL, NDSL, TSCA

SECTION 16 OTHER INFORMATION

The information contained in this document is based on our present knowledge. This document does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

ACRONYMS

ACGIH (American Conference of Governmental Industrial Hygienists), **CAS** (Chemical Abstracts Service), **DSL** (Domestic Substance List), **GHS** (Global Harmonization System), **IARC** (International Agency for Research on Cancer), **IATA-DGR** (International Air Transport Association Dangerous Goods Regulations), **IBC Code** (International Bulk Container Code), **IMDG Code** (International Maritime Dangerous Goods Code), **LC50** (Lethal Concentration that kills 50% of the population), **LD50** (Lethal Dose that kills 50% of the population), **NDSL** (Non-Domestic Substance List), **NTP** (National Toxicology Program), **OSHA** (Occupational Safety and Health Administration), **PEL** (Permissible Exposure Limit), **STEL** (Short Term Exposure Limit), **STEV** (Short Term Exposure Value), **STOT** (Specific Target Organ Toxicity), **TDG** (Transportation of Dangerous Goods), **TLV** (Threshold Limit Value), **TSCA** (Toxic Substances Control Act), **TWA** (Time Weighted Average), **WHMIS** (Workplace Hazardous Materials Information System)

Revised on September 28, 2026