



Coastline Chemical Inc.

**SAFETY DATA SHEET**

**COMMANDER 84  
HD EXTENDED LIFE  
ANTIFREEZE/COOLANT  
CONCENTRATE**

**SECTION 1 L PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** COMMANDER 84  
**Product Code:** PC84  
**Primary Use(s):** NMOAT Truck Antifreeze & Coolant

**Manufactured By:** Coastline Chemical Inc.  
 30470 Energy Drive  
 New Church, VA 23415, USA  
 www.prideantifreeze.com

**Telephone (General):** 757.824.3831  
**EMERGENCY TELEPHONE:** CHEMTREC (800) 424-9300



**SECTION 2 – HAZARD IDENTIFICATION**

In accordance with **OSHA HCS** **29 CFR 1910-1200**

**Physical State:** Liquid, clear red color  
**Odor:** Mild, sweet odor  
**Emergency Overview:** This product presents no specific emergency hazard

**Signal Word(s):** **WARNING**

**Hazard Statements:** Causes Eye Irritation Causes Skin Irritation Harmful/Toxic If Swallowed

**Hazard Symbol:**  **(H373)May cause kidney damage**  **(H302)Harmful if swallowed**

**GHS CLASSIFICATIONS:** Acute Oral Toxicity **4** Acute Dermal Toxicity **5** Corrosion/Irritation Skin **3**

Acute Inhalation Toxicity **5** Serious Eye Damage/ Eye Irritation **2B**

**SECTION 3 – COMPOSITION/ INGREDIENT INFORMATION**

<u>NAME</u>	<u>CAS No</u>	<u>EU INVENTORY</u>	<u>PERCENTAGE</u>
Ethane 1,2 - diol (monoethylene glycol)	107-21-1	203-473-3	90 – 95
2-(2 hydroxyethoxy) ethan-1-ol (diethylene glycol)	111-46-6	203-872-2	1 – 5
Water & proprietary additives	7732-18-5	231-791-2	balance

#### SECTION 4 – FIRST AID MEASURES

<b>EYE CONTACT</b>	Remove corrective lenses. Wash with cool water including under eyelid for 15 mins. See doctor if irritation persists.
<b>SKIN CONTACT</b>	Remove affected clothing, Wash with mild soap and water. Apply lotion for redness.
<b>INHALATION</b>	Remove person to fresh air.
<b>INGESTION</b>	Wash mouth and other contacted parts with water. Never give anything by mouth to an unconscious person. If conscious, give 1-2 glasses of water. Avoid alcohol. Contact doctor or poison control center.
<b>PHYSICAL NOTES</b>	N/A

#### SECTION 5 – FIRE FIGHTING MEASURES

<b>Flash Point</b>	Flash Point > 200 deg. F
<b>Combustion</b>	Carbon Dioxide, Ash, Water
<b>Extinguishing Media (suitable) ( not suitable)</b>	Water, Foam, ABC Extinguisher Unknown
<b>Special Hazards</b>	Unknown
<b>Special Protective Equipment</b>	Face Shield, Gloves, Self-contained air supply

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Safety Glasses and Gloves.
<b>Environmental Precautions</b>	Collect product or waste and offer to environmental waste disposal company
<b>Cleanup Methods</b>	Absorb and/or collect all spilled material put in suitable container and send to suitable hazmat collection service or landfill.

#### SECTION 7 – HANDLING AND STORAGE

<b>Handling</b>	Only use suppliers approved and labelled containers
<b>Storage</b>	Store in clean, dry, ventilated place

#### SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

<b>Preventive Measures</b>	ONLY USE SUPPLIED COONTAINER
<b>Engineering Controls</b>	Provide fresh air at all times

**Personal Protection (recommended)**



**EYES**  
**SKIN**  
**RESPIRATORY**  
**HANDS**

Wear safety glasses when transferring product  
Wear gloves when transferring product  
Normal ventilation is sufficient  
Wear rubber gloves when transferring product

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Physical State	Liquid
Color	Clear Red
Odor	Characteristic
Odor Threshold	Unknown
<b>Important Health , Safety, Environmental Information</b>	
<b>pH (50%w/water sol'n)</b>	8.5 – 9.5
<b>Boiling Point</b>	Above 200 deg. F
<b>Pour Point/Freezing (50% w/water )</b>	Freeze Point -34F/-37C
<b>Flash Point</b>	260F/127C
<b>Oxidizing Properties</b>	None
<b>Vapor Pressure</b>	0.12 mm Hg @20C
<b>Specific Gravity</b>	1.12 -1.13
<b>Water Solubility</b>	Soluble
<b>Vapor Density (air =1)</b>	2.1

## SECTION 10 – STABILITY AND REACTIVITY

<b>Stability and Reactivity</b>	Stable
<b>Incompatibility with various substances</b>	Do not mix with strong acids
<b>Hazardous polymerization</b>	Will not occur
<b>Hazardous decomposition products</b>	When heated to decomposition, may emit toxic fumes

## SECTION 11 – TOXICOLOGICAL

<b>Potential Acute Health Effects (ingredient)</b> monoethylene glycol diethylene glycol	LD oral rat = 4000 mg/kg; LD50 dermal rat=9500 mg/kg LD50 oral rat=12565 mg/kg; LD50 dermal rat=11890 mg/kg
<b>Acute Oral Effects</b>	Can cause irritation to mouth, throat, and stomach. Large volume ingestion may cause depression of central nervous system.
<b>Potential Chronic Health Effects</b>	
<b>Chronic Effects:</b>	None expected under normal use conditions
<b>Carcinogenicity:</b>	Neither product nor its ingredients are listed by IARC, NTD or OSHA
<b>Mutagenicity:</b>	Not mutagenic
<b>Teratogenicity:</b>	Not Teratogenic

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Aquatic Toxicity</b>	 May be toxic to aquatic organisms
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### SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of waste through hazardous waste contractor/recycler.

**Container Cleaning and Disposal:** Containers should be cleaned of residual product before disposal.

### SECTION 14 – TRANSPORT INFORMATION

**DOT Proper Shipping Name:** Ethylene Glycol  
**Shipping Symbols:** Environmental Hazard  
**Hazard Class:** Environmental Hazard  
**UN Number:** Not regulated unless shipping container holds at least 10,539 pounds.  
**Packing Group:** Not applicable  
**Label:** Not applicable  
**Special Provisions (172.102):** Not applicable

**Bulk Shipments**  
**DOT Proper Shipping Name:** Environmentally hazardous substance, liquid, n.o.s. (Ethylene glycol)  
**UN Number:** UN 3082  
**Label Requirement:** Class 9, UN 3082

### SECTION 15 – REGULATORY INFORMATION

#### EPA Regulations

**RCRA Hazardous Waste Number and RCRA Hazardous Waste Classification:** Unused product is not classified as a hazardous waste by RCRA criteria

**CERCLA Hazardous Substance and CERCLA Reportable Quantity:** Does not contain any ingredients listed as a CERCLA hazardous substance.

**SARA Toxic Chemical and SARA EHS:** Contains following substance which is listed in Title III: Ethylene Glycol.  
**SARA 313 Information:**  
**SARA Hazard Category:** An immediate health hazard A delayed health hazard

#### OSHA Regulations:

#### State Regulations

**Other:** All components listed on both TSCA (USA) and DSL (Canada) inventory.

**CANADIAN WHMIS CLASSIFICATION:** Class D, Division 2, Subdivision B (A toxic material causing other chronic effects)

## SECTION 16 – OTHER INFORMATION

**Additional Hazard Rating Systems:** HMIS(USA) Health=1, Fire=1, Reactivity=0

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This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not apply.

CONSULT Company listed in Section 1. FOR FURTHER INFORMATION.

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