

# MATERIAL SAFETY DATA SHEET • MSDS



## SECTION I • PRODUCT IDENTIFICATION

<b>TRADE NAME</b>	<b>COOLANT / RUST INHIBITOR</b>
<b>ANAMET PRODUCT NUMBER</b>	<b>166-X</b>

### CHEMICAL NAME

**MANUFACTURER / SUPPLIER'S NAME** ANAMET  
**ADDRESS** P.O. Box 538  
 BOUCHERVILLE, QUÉBEC, J4B 6Y2  
**TELEPHONE NO.** (450) 646-1290  
**EMERGENCY TELEPHONE NO.** CANUTEC (613) 996-6666

## SECTION II • COMPOSITION / INFORMATION ON COMPONENTS

Chemical characterization Description	CAS number	%	OSHA PEL (mg/m <sup>3</sup> )	ACGIH TLV (mg/m <sup>3</sup> )
Triethanolamine	102-71-6	<10	5	5

**NOTE:** Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.

## SECTION III • PHYSICAL / CHEMICAL CHARACTERISTICS

<b>Boiling point in °C</b>	Not available.	<b>Vapor pressure (mm Hg)</b>	Not available.
<b>Melting point</b>	Not applicable.	<b>Vapor density (Air = 1)</b>	Not available.
<b>Specific gravity (Water = 1)</b>	1.06	<b>Evaporation rate (Butyl acetate= 1)</b>	Not available.
<b>Solubility in water</b>	Soluble.		
<b>Appearance and odor</b>	Blue liquid with mild odor.		

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## SECTION IV • FIRE / EXPLOSION HAZARD

<b>Flash point</b>	Not available.			
<b>Flammable limits</b>	<b>LEL</b>	Not available.	<b>UEL</b>	Not available.
<b>Extinguishing medium</b>	This product is not combustible but water fog, dry chemical, foam and CO <sub>2</sub> fire extinguishers may be used in areas where it is stored.			
<b>Special fire fighting procedures</b>	The noncombustible nature of the product creates no need for special fire fighting procedures and equipment.			
<b>Unusual fire and explosion hazards</b>	None known.			

## SECTION V • REACTIVITY

<b>Stability</b>	Stable.
<b>Conditions to avoid</b>	Avoid contact with incompatible materials and exposure to extreme temperatures.
<b>Incompatibility</b>	This product is incompatible with strong oxidizing agents.
<b>Hazardous decomposition products</b>	The product as sold is not expected to thermally decompose. Product residue however may burn. Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solid liquid, particulates and gases may evolve when the residues burn. Byproducts of residue combustion may include: oxides of carbon, ammonia and oxides of nitrogen, incompletely burned hydrocarbons as fumes and smoke.
<b>Hazardous Polymerization</b>	This product is not expected to polymerize.

## SECTION VI • TOXICOLOGICAL PROPERTIES OF PRODUCT

### A - SUGGESTED FIRST AID

<b>Eyes</b>	Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. If symptoms persist, contact a physician.
<b>Skin</b>	Remove product from the skin by washing with a mild soap and flushing with a steady stream of water. Contaminated clothing should be removed to prevent prolonged exposure. If symptoms of exposure persist, contact a physician.
<b>Inhalation</b>	If signs or symptoms of overexposure occur, move the employee to fresh air.

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	If symptoms persist, seek medical attention.
<b>Ingestion</b>	If small amounts are ingested, first aid measures are not likely to be necessary. If larger amounts are ingested or if symptoms of ingestion occur, dilute stomach contents with two glasses of water or milk. (NOTE: <u>Do not give anything by mouth to an unconscious person</u> ). Do not induce vomiting without medical supervision. If vomiting occurs spontaneously keep airway clear. If symptoms of ingestion persist, seek medical attention.

## B – TOXICOLOGICAL INFORMATION

**PRIMARY ENTRY ROUTES:** Skin contact and inhalation and eye contact.

### • SHORT TERM EXPOSURE

<b>Eyes</b>	This product is not expected to cause eye irritation under normal conditions of use. Symptoms of mild eye irritation and redness may result upon direct contact or when exposed to high mist levels in poorly ventilated areas.
<b>Skin</b>	Skin contact may result in slight, temporary irritation.
<b>Inhalation</b>	This product has low volatility and so is not expected to cause respiratory tract irritation during normal conditions of use. Exposure to high mist levels in poorly ventilated areas may irritate the upper respiratory tract with symptoms of itching eyes and nasal passages.
<b>Ingestion</b>	Ingestion may cause slight stomach irritation and discomfort.

### • LONG TERM EXPOSURE

<b>Carcinogenicity</b>	None.
<b>Teratogenicity, Mutagenicity and other reproductive effects</b>	None.
<b>Skin Sensitization</b>	Prolonged contact may cause skin irritation.
<b>Respiratory tract sensitization</b>	May slightly be irritating to the respiratory tract.
<b>Synergistic materials</b>	None.

## SECTION VII • PRECAUTIONARY INFORMATION

### PERSONAL PROTECTIVE MEASURES

<b>Eye , face and hands</b>	Wear eye protection appropriate to prevent eye exposure. Where splashing is not likely, chemical safety glasses with side shields are recommended. Where splashing may occur, chemical goggles or full face shield is recommended. Gloves are not normally needed during normal conditions of use. If health effects are experienced, oil or chemical resistant gloves such as butyl or nitrile are recommended. Where splashing or soaking is likely, wear oil
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	or chemical resistant clothing to prevent exposure.
<b>Respiratory protection</b>	A respirator may be worn to reduce exposure to vapors, dust or mist. Select a NIOSH/MSHA approved respirator appropriate for the type and physical character of the airborne material. A self-contained breathing apparatus is recommended in all situations where airborne contaminant concentration is unknown and may be above safe levels. Respirator use should comply with the OSHA Respirator Protection Standard found in 29 CFR 1910.134.
<b>Ventilation</b>	Normal general ventilation is expected to be adequate. It is recommended that ventilation be designed in all instances to maintain airborne concentrations at lowest practical levels. Ventilation should at a minimum, prevent airborne concentrations from exceeding any exposure limits listed in Section II of this MSDS.
<b>Hearing</b>	As needed in accordance with OSHA 1910-215
<b>HMIS Hazard Ratings</b>	Health: 1 Flammability: 0 Reactivity: 0

## SECTION VIII • SAFETY PRECAUTIONS IN CASE OF LEAKS OR SPILLS

<b>Spills</b>	As with any spill or leak, before responding be sure that you are familiar with the potential hazards and recommendations of the MSDS. Appropriate personnel protective equipment must be worn. See Section VII of this MSDS for PPE recommendations. If possible, safely contain the spill with dikes or other spill response equipment appropriate for releases of water-based materials. Prevent spreading of products and/or release into the environment. Large volumes of material should be collected in an appropriate waste container for proper disposal. Small volumes or residues may be soaked up with absorbent material.
<b>Waste disposal methods</b>	Disposal of any spill should be in accordance with local, state, or national legislation.

## SECTION IX • STORAGE AND HANDLING

<b>Storage</b>	Protect product quality by storing indoors and away from extreme temperatures. Close all containers when not in use.
<b>Handling</b>	As with any industrial chemical, handle the product in a manner that minimizes exposure to practical levels. Open containers slowly

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	to relieve any pressure. Follow all other standard industrial hygiene practices. Empty containers may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums and containers. Keep containers closed when not in use.
Shipping classification	<ul style="list-style-type: none"> <li>• <b>Dot Shipping Name:</b> Not regulated.</li> <li>• <b>TDG/UN Shipping Names:</b> Not regulated.</li> <li>• <b>UN Number:</b> Not regulated.</li> <li>• <b>Hazard Class:</b> Not regulated.</li> <li>• <b>Packing Group:</b> Not regulated.</li> <li>• <b>TDG Exemption:</b> Not regulated.</li> <li>• <b>Label:</b> Not regulated.</li> <li>• <b>ATA Class:</b> Not regulated.</li> <li>• <b>IMDG Class:</b> Not regulated.</li> </ul>
DOT hazard class	
HMIS Coding	Health: 1 Flammability: 0 Reactivity: 0

## SECTION X • ECOLOGICAL INFORMATION

Environmental Fate and Distribution	Not available.
Persistence and Degradation	Not available.
Toxicity	Not available.
Effect of effluent treatment	Not available.

## SECTION XI • REGULATORY INFORMATION

### • EC REGULATIONS:

TSCA STATUS: On Toxic Substance Control Inventory.  
 CERCLA REPORTABLE QUANTITY: None.  
 SARA TITLE III

- Section 302: None.
- Section 311/312: None.
- Section 313: None.

RCRA STATUS: Not regulated.

### • CANADIAN REGULATIONS:

WHMIS Classification: None.

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## **TERMINOLOGY**

**ACGIH:** American Conference of Governmental Industrial Hygienists

**CAS:** Chemical Abstract Service

**CFR:** Code of Federal Regulations (Transportation in U.S.A.)

**DOT:** Department of Transportation (USA)

**DSL:** Domestic Substance List

**HMIS:** Hazardous material information sheet

**IARC:** International Agency for Research and Cancer

**LC:** Lethal Concentration

**LD:** Lethal Dosage

**MSHA:** Mine Safety and Health Administration (USA)

**NIOSH:** National Institute for Occupational Safety and Health (USA)

**NTP:** National Toxicology Program (U.S.A.)

**OSHA:** Occupational Safety and Health Administration (USA)

**PEL:** Permissible exposure limit.

**STEL:** Short term exposure limit.

**TDG:** Transportation of Dangerous Goods

**TLV:** Threshold limits value.

**TSCA:** Toxic Substances Control Act

**TWA:** Time-weighted average

**USEPA:** United States Environmental Protection Agency

**WHMIS:** Workplace Hazardous Materials Information System