

# MATERIAL SAFETY DATA SHEET • MSDS



## SECTION 1 • PRODUCT IDENTIFICATION

<b>TRADE NAME</b>	<b>TECHNOTHERM 3000</b>
<b>ANAMET PRODUCT NUMBER</b>	<b>231-L</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> )
Methenamine.	100-97-0	5-10	Not established.	Not established.
Phenol.	108-95-2	<1	5	5
Filler.	---	30-60	---	---

**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 applicable.	<b>Vapor pressure (mm Hg)</b>	Not applicable.
<b>Melting point in °C</b>	Not established.	<b>Vapor density (Air = 1)</b>	Not applicable.
<b>Density (Water = 1)</b>	1.6	<b>Evaporation rate (Butyl acetate= 1)</b>	Not applicable.
<b>Solubility in water</b>	Insoluble.		
<b>Appearance and odor</b>	Color coded granular powder/nearly odorless.		

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## SECTION IV • FIRE / EXPLOSION HAZARD

Flash point	No data.			
Flammable limits	<b>LEL</b>	Not applicable.	<b>UEL</b>	Not applicable.
Extinguishing media	Water spray, foam, dry chemical, carbon dioxide.			
Special fire fighting procedures	MSHA/NIOSH approved self-contained breathing apparatus recommended and suitable protective clothing should be worn in fire conditions.			
Unusual fire and explosion hazards	With high temperatures, toxic gases may be formed.			

## SECTION V • REACTIVITY

Stability	Stable.
Incompatibility	Not established.
Hazardous decomp. products	None
Hazardous Polymerization	Should not occur.

## SECTION VI • TOXICOLOGICAL PROPERTIES OF PRODUCT

### A - SUGGESTED FIRST AID

Eyes	Irrigate with eyewash solution or clean water, holding the eyelids apart for at least 15 minutes. If irritation persists, call a physician.
Skin	Remove contaminated clothing. Wash skin immediately with water.
Inhalation	Remove individual from exposure, keep warm and at rest. Obtain immediate medical attention.
Ingestion	Wash out mouth with water. Never give anything by mouth to an unconscious person. If necessary, call a physician.

### B - TOXICOLOGICAL INFORMATION

**PRIMARY ENTRY ROUTES:** Inhalation, skin, and eyes.

#### • SHORT TERM EXPOSURE

Eyes	Dust and vapor may be irritating to the eyes.
Skin	May cause sensitization by skin contact. Irritating to skin. Repeated and/or prolonged contact may cause dermatitis.
Inhalation	Possibly irritating to respiratory system. Vapor may cause headache, dizziness and dullness.
Ingestion	May cause stomach discomfort.

#### • LONG TERM EXPOSURE

Carcinogenicity	None.
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<b>Teratogenicity, Mutagenicity and other reproductive effects</b>	None.
<b>Skin Sensitization</b>	This product may cause skin sensitization (allergies).
<b>Respiratory tract sensitization</b>	This product may cause respiratory sensitization.
<b>Synergistic materials</b>	None.

## SECTION VII • PECAUTIONARY MEASURES PERSONAL PROTECTIVE MEASURES

<b>Eye, face &amp; hands</b>	Safety spectacles/Full Face Shield. Wear protective gloves.
<b>Respiratory protection</b>	Use NIOSH approved respirator where dust occurs.
<b>Ventilation</b>	Provide adequate ventilation, including appropriate local extraction, to insure that the defined occupational exposure limit is not exceeded.
<b>Hearing</b>	As needed in accordance with OSHA 1910-215
<b>HMIS Hazard Ratings</b>	Health: 2 Flammability: 1 Reactivity: 0

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

<b>Spill or leak procedure</b>	Ensure suitable personal protection (including respiratory protection) during removal of spillages. Prevent entry into drains. Adsorb spillages onto sand, earth or any suitable adsorbent material. Do not adsorb onto sawdust or other combustible materials.
<b>Waste disposal</b>	Disposal should be in accordance with local, state, or national legislation. Incinerate under approved controlled conditions.

## SECTION IX • STORAGE AND HANDLING

<b>Storage</b>	Keep in a cool, well ventilated place. Keep away from sources of ignition. Keep away from heat and direct sunlight. Preferably not below 25°C (77°F).
<b>Handling Shipping classification</b>	Minimize dust generation. Avoid contact with skin and eyes.
<b>DOT Hazard class</b>	<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>
<b>HMIS Coding</b>	Health: 2 Flammability: 1 Reactivity: 0



**SECTION X • ECOLOGICAL INFORMATION**

<b>Environmental Fate and Distribution</b>	This product is insoluble in water.
<b>Persistence and Degradation</b>	Not established.
<b>Toxicity</b>	Limited.
<b>Effect of effluent treatment</b>	Not established.

**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 Chronic.
- Section 313: None.

RCRA STATUS: Not regulated.

**• CANADIAN REGULATIONS:**

WHMIS Classification: D2A.

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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

**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