

# MATERIAL SAFETY DATA SHEET • MSDS



## SECTION 1 • PRODUCT IDENTIFICATION

<b>TRADE NAME</b>	<b>DIAMOND SUSPENSION</b>
<b>ANAMET PRODUCT NUMBER</b>	<b>50X-MAS-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	ACGIH TLV
Ethanol	64-17-5	60-95	1000 ppm	Not available
Methanol	67-56-1	<5	200 ppm	Not available
MIBK	108-10-1	<1	50 ppm	Not available
Ethyl acetate	141-78-6	<5	400 ppm	Not available
Isopropanol.	67-63-0	<20 ppm	400 ppm	400 ppm
1,2-propanediol	57-55-6	<2	100 ppm	Not available
Diamond	7782-40-3			

**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 established.	<b>Vapor pressure (mm Hg)</b>	Not established.
<b>Melting point in °C</b>	Not applicable.	<b>Vapor density (Air = 1)</b>	Not established.
<b>Density (Water = 1)</b>	1.0-1.05	<b>Evaporation rate (Butyl acetate= 1)</b>	Not established.
<b>Solubility in water</b>	Soluble.		
<b>Appearance and odor</b>	Colored liquid / alcohol odor.		

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## SECTION IV • FIRE / EXPLOSION HAZARD

Flash point	13 °C (55.4°F).		
Flammable limits	LEL	2 %	UEL 12 %
Extinguishing medium	Alcohol resistant foam, dry chemical or carbon dioxide. Or water fog.		
Special fire fighting procedures	Wear proper protective equipment and self-contained breathing apparatus.		
Unusual fire and explosion hazards	Explosive vapors may be formed at room temperatures. Vapors are heavier than air and may travel along the floor line. Vapor may ignite by spark, hot surfaces or ember.		

## SECTION V • REACTIVITY

Stability	Stable.
Conditions to avoid	Avoid contamination with strong acids and bases. Avoid heat and open flames
Incompatibility	Strong acids and strong bases.
Hazardous decomp. products	Not established.
Hazardous Polymerization	Will not occur.

## SECTION VI • TOXICOLOGICAL PROPERTIES OF PRODUCT

### A - SUGGESTED FIRST AID

Eyes	Wash with large amounts of water and obtain medical assistance if irritation persists.
Skin	Wash with soap and water. If irritation persists, obtain medical assistance.
Inhalation	Remove to fresh air and obtain medical assistance.
Ingestion	Obtain medical attention. <u>Do not induce vomiting.</u>

### B – TOXICOLOGICAL INFORMATION

**PRIMARY ENTRY ROUTES:** Inhalation, skin and eye contact.

#### ▼ SHORT TERM EXPOSURE ▼

Eyes	Moderate to severe irritation.
Skin	May cause skin irritation.
Inhalation	Irritation to respiratory tract.
Ingestion	May cause nausea and vomiting.

#### ▼ LONG TERM EXPOSURE ▼

Carcinogenicity	Not established.
Teratogenicity, Mutagenicity	Not established.

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Skin sensitization	Prolonged contact may cause skin abrasion.
Respiratory tract sensitization	May slightly be irritating to the respiratory tract.
Synergistic Materials	Not established.

## SECTION VII • PERSONAL PROTECTION MEASURES

### PERSONAL PROTECTIVE MEASURES

Eye, face & hands	Recommend standard face and eye protection at all times while using the product.
Respiratory protection	As needed, use approved dust respirator (OSHA CFR1910.134)
Ventilation	Do not use without adequate ventilation
Hearing	As needed in accordance with OSHA 1910-215.
HMIS Hazard Ratings	Health : 3      Flammability : 1      Reactivity : 0

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

Spill or leak procedure	Ventilate area of leak or spill. Small spill can be picked up with vermiculite or other absorbent, noncombustible material. Contain liquid to prevent further contamination of soil, surface water or ground water.
Waste disposal	Disposal should be in accordance with local, state, or national legislation. Incinerate under approved controlled conditions.

## SECTION IX • STORAGE AND HANDLING

Storage	Store in cool, well ventilated dry area.
Handling	Avoid contact with skin and eyes.
Shipping classification DOT hazard class	<ul style="list-style-type: none"> <li>• <b>Dot Shipping Name:</b> Flammable Liquids,(NOS) (Ethanol)</li> <li>• <b>TDG/UN Shipping Names:</b> Flammable Liquids,(NOS) (Ethanol)</li> <li>• <b>UN Number:</b> 1993.</li> <li>• <b>Hazard Class:</b> 3</li> <li>• <b>Packing Group:</b> II.</li> <li>• <b>TDG Exemption:</b> Not regulated.</li> <li>• <b>Label:</b> Flammable Liquid.</li> <li>• <b>IATA Class:</b> 3.</li> <li>• <b>IMDG Class:</b> 3.</li> </ul>
HMIS Coding	Health: 3      Flammability: 1      Reactivity: 0

## SECTION X • ECOLOGICAL INFORMATION

Environmental fate and distribution	Not established.
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Persistence and degradation	Not established.
Toxicity	Not established.
Effect of effluent treatment	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: Acute, Flammable.
- Section 313: None.

RCRA STATUS: Not regulated.

### • CANADIAN REGULATIONS:

WHMIS Classification: B2, D1A, D2B.

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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