

# MATERIAL SAFETY DATA SHEET • MSDS



## SECTION 1 • PRODUCT IDENTIFICATION

<b>TRADE NAME</b>	<b>DIAMOND SUSPENSIONS</b>
<b>ANAMET PRODUCT NUMBER</b>	<b>50X-HDS-X</b>
<b>CHEMICAL NAME</b>	

**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

<b>Chemical characterization Description</b>	<b>CAS number</b>	<b>%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Ethylene Glycol.	107-21-1	20-40	125 mg/m <sup>3</sup>	100 mg/m <sup>3</sup>
Hydroxyl Glycol.	Not available.	1-10	10.00 mg/m <sup>3</sup>	10.00 mg/m <sup>3</sup>

**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>	130 °C	<b>Vapor pressure (mm Hg)</b>	Negligible.
<b>Melting point in °C</b>	-10 °C	<b>Vapor density (Air = 1)</b>	Not established.
<b>Density (Water = 1)</b>	Not determined	<b>Evaporation rate (Butyl acetate= 1)</b>	Water.
<b>Solubility in water</b>	Soluble.		
<b>Appearance and odor</b>	Colored coded liquid / Odorless.		

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## SECTION IV • FIRE / EXPLOSION HAZARD

Flash point	Non flammable.			
Flammable limits	<b>UPPER</b>	None.	<b>LOWER</b>	None.
Extinguishing medium	Foam, carbon dioxide and dry chemical.			
Special fire fighting procedures	Wear proper protective equipment and self-contained breathing apparatus.			
Unusual fire / explosion hazards	None.			

## 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 decomposition products	Steam, Carbon monoxide and carbon dioxide when heated.
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. Do not induce vomiting.

### 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 and other reproductive effects	Not established.
Skin Sensitization	Prolonged contact may cause skin abrasion.



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Respiratory tract sensitization	May slightly be irritating to the respiratory tract.
Synergistic materials	Not established.

## SECTION VII • PRECAUTIONARY INFORMATION PERSONAL PROTECTIVE MEASURES

Eyes, 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 : 2      Flammability : 0      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	<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: 2      Flammability: 0      Reactivity: 0

## SECTION X • ECOLOGICAL INFORMATION

Environmental Fate and Distribution	Not established.
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: None.
- Section 313: None.

RCRA STATUS: Not regulated.

### • CANADIAN REGULATIONS:

WHMIS Classification: Not regulated.

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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