

MATERIAL SAFETY DATA SHEET • MSDS



SECTION 1 • PRODUCT IDENTIFICATION

TRADE NAME	DIAMOND EXTENDER
ANAMET PRODUCT NUMBER	544S-X
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
Polyalkylene Glycol	Not available	5-20	50 ppm	50 ppm
Isopropanol.	67-63-0	40-65	400 ppm	400 ppm
Blue dye		<0.5	Not available.	Not available

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

SECTION III • PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling point in °C	>120 ⁰ C.	Vapor pressure (mm Hg)	>10
Melting point in °C	Not applicable.	Vapor density (Air = 1)	>1
Density (Water = 1)	1.0-1.05	Evaporation rate (Butyl acetate= 1)	Not established.
Solubility in water	Soluble.		
Appearance and odor	Colored liquid / alcohol odor.		

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SECTION IV • FIRE / EXPLOSION HAZARD

Flash point	17 °C			
Flammable limits	LEL	2 %	UEL	12 %
Conditions to avoid	Keep ignition sources, open flames, away from the fumes.			
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	Steam, CO ₂ , CO and unidentified organic compounds.

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	The liquid or fumes may irritate the eyes. Symptoms may include burning, watery eyes, redness and inflammation.
Skin	May cause skin irritation.
Inhalation	Excessive inhalation of vapors can cause nasal and respiratory irritation and central nervous systems effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.
Ingestion	Can cause gastrointestinal irritation, nausea, vomiting, diarrhea, blindness and death.

▼ LONG TERM EXPOSURE ▼

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Carcinogenicity	Not established.
Teratogenicity, Mutagenicity	Not established.
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	The port of protection for the eyes (chemical goggles / face shield) is recommended. The use of appropriate gloves (PVS/laminate of polyethylene or gloves PVA) is also recommended.
Respiratory protection	Avoid breathing the mists; use a respirator approved for dusts/mists.
Ventilation	Use with adequate ventilation including adapted local extraction. This is to ensure not to exceed exposure limits defined.
Hearing	As needed in accordance with OSHA 1910-215.
HMIS Hazard Ratings	Health : 1 Flammability : 3 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"> • Dot Shipping Name: Flammable Liquids,(NOS) (Ethanol) • TDG/UN Shipping Names: Flammable Liquids,(NOS) (Ethanol) • UN Number: 1219. • Hazard Class: 3 • Packing Group: II. • TDG Exemption: Not regulated. • Label: Flammable Liquid. • IATA Class: 3. • IMDG Class: 3.
HMIS Coding	Health: 1 Flammability: 3 Reactivity: 0



SECTION X • ECOLOGICAL INFORMATION

Environmental fate and distribution	This product is very soluble in water. It has a low potential for bioaccumulation. It is expected that this product has high mobility in soil
Persistence and degradation	Biodegradable.
Toxicity	Not established.
Effect of effluent treatment	The product is substantially removed by biological treatment processes.

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