

MATERIAL SAFETY DATA SHEET • MSDS



SECTION 1 • PRODUCT IDENTIFICATION

TRADE NAME	DIAMOND EXTENDER
ANAMET PRODUCT NUMBER	542-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
Isopropyl Alcohol.	67-63-0	1-10	400 ppm	200 ppm
Hydroxyl Glycol	Not available	20-50	10	10
Water	7732-16-5	30-70	None	None

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 °C	Vapor pressure (mm Hg)	>10
Melting point in °C	<0 °C	Vapor density (Air = 1)	>1 °C
Density (Water = 1)	Not determined.	Evaporation rate (Butyl acetate= 1)	Not applicable.
Solubility in water	Soluble.		
Appearance and odor	Color coded liquid / Alcohol odor		

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SECTION IV • FIRE / EXPLOSION HAZARD

Flash point	23 C.		
Flammable limits	LEL	2.0.	UEL 12.7
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 decomposition products	Steam, carbon dioxide, carbon monoxide.
Hazardous Polymerization	Steam, CO ₂ , CO and unidentified organic compounds in fumes and smoke may be formed during combustion.

SECTION VI • TOXICOLOGICAL PROPERTIES OF PRODUCT

A - SUGGESTED FIRST AID

Eyes	Remove individual from exposure and into fresh air. Irrigate with eyewash solution or clean water, holding the eyelids apart for at least 15 minutes. Obtain medical attention.
Skin	Wash skin with soap and water. If irritation persists, obtain medical attention.
Inhalation	If symptoms develop, remove affected person from source of exposure into fresh air.
Ingestion	Get immediate medical attention. Do not induce vomiting.

B – TOXICOLOGICAL INFORMATION

PRIMARY ENTRY ROUTES: Inhalation, skin and eye contact.

• SHORT TERM EXPOSURE

Eyes	Liquid or vapor may cause eye irritation. Symptoms may include burning, tearing, redness and swelling.
Skin	Repeated or prolonged contact may cause irritation.
Inhalation	Vapor and mist may irritate nose and throat.

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Ingestion | May cause gastrointestinal irritation. Nausea and vomiting may occur.

• **LONG TERM EXPOSURE**

Carcinogenicity	None.
Teratogenicity and other effects	None.
Skin sensitization	May cause skin sensitization (allergies).
Respiratory tract sensitization	Not available.
Synergistic Materials	Not available.

SECTION VII • PERSONAL PROTECTION MEASURES

PERSONAL PROTECTIVE MEASURES

Eye, face & hands	Safety spectacles/Full Face Shield. Wear suitable gloves. PVS/Polyethylene laminate and supported PVA gloves offer the best protection.
Respiratory protection	Avoid breathing in mist. Wear an approved dust/mist respirator.
Ventilation	Provide adequate ventilation, including appropriate local extraction, to insure that the defined occupational exposure limit is not exceeded.
Hearing	As needed in accordance with OSHA 1910-215.
HMIS Hazard Ratings	Health: 1 Flammability: 2 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.

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: Not regulated. • TDG/UN Shipping Names: Not regulated. • UN Number: Not regulated. • Hazard Class: Not regulated. • Packing Group: Not regulated. • TDG Exemption: Not regulated. • Label: Not regulated. • IATA Class: Not regulated. • IMDG Class: Not regulated.
HMIS Coding	Health: 1 Flammability: 2 Reactivity: 0



SECTION X • ECOLOGICAL INFORMATION

Environmental fate and distribution	This product is very soluble in water. The product has a low potential for bioaccumulation. This product is predicted to have a high mobility in the soil.
Persistence and degradation	Biodegradable.
Toxicity	Not available
Effect of effluent treatment	The product is substantially removed in 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: 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