

Material Safety Data Sheet
ANABEC X-70 PLUS

<p align="center">ANABEC 9393 Main Street Clarence, New York 14031 Phone: (716)-759-1674</p>	REVISION DATE:March 22, 2007 REVISION NUMBER:2 SUPERCEDES:2-15-07
	PRODUCT NUMBER:015810C (clear)015811B (blue)015812W (white)015813O (orange)
EMERGENCY PHONE: CHEMTREC:.....800-424-9300	

SECTION I - IDENTIFICATION

PRODUCT NAME:ANABEC X-70 PLUS
SYNONYMS:.....Penetrating remediation barrier to prevent new organic matter build-up
CHEMICAL FAMILY:.....Water borne coating, containing silver based penetrant
FORMULA:.....Aqueous mixture, available in clear and other colors.

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	OSHA	ACGIH	CERCLA RQ	SARA 302 EHS	SARA 313	HUMAN CARCINOGEN
Monopropylene Glycol	5-15%	57-55-6	None listed	None listed	None listed	No	No	No
Diethylene Glycol Monobutyl Ether (butyl carbitol)	1-10%	112-34-5	None listed	None listed	None listed	No	Yes	No
Acrylate / Styrene Copolymer	10-25%	Confidential	None listed	None listed	None listed	No	No	No

SECTION III - PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE & ODOR:.....Clear or colored liquid, with a faint solvent odor
BOILING POINT:Estimated >212° F
VAPOR PRESSURE (mm Hg):....Not established - aqueous
VAPOR DENSITYNot established - aqueous
SPECIFIC GRAVITY:.....Approx. 0.98
pH:.....Neutral
SOLUBILITY IN WATER: Totally soluble in water.
TOTAL VOLATILITY (% wgt.):..Approx. 84% (+/- 3%)
VOC (lbs/gal):Approx. 0.3

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SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT:Not combustible - aqueous.

LOWER EXPLOSIVE LIMIT:...Non-flammable

UPPER EXPLOSIVE LIMIT:.....Non-flammable

EXTINGUISHING MEDIA:.....The use of water fog or spray, foam, dry powder, or carbon dioxide (CO₂) is recommended. Although the product is a non-flammable, aqueous solution, it is recommended that the product not be allowed to totally dry. It is possible that the product will burn under these conditions of lack of solvent.

FIRE FIGHTING PROCEDURES:.....As a minimum, use self-contained breathing apparatus (SCBA) and full protective clothing. Do not allow product to totally evaporate to dryness. Product may support combustion if allowed to totally evaporate. Fight fire as appropriate for surrounding area.

FIRE AND EXPLOSION HAZARDS:No special hazards. This product is not anticipated to support combustion.

HAZARDOUS COMBUSTION PRODUCTS:Oxides of carbon and other possible toxic solids and gasses.

SECTION V - REACTIVITY & STABILITY INFORMATION

STABILITY:.....Stable

HAZARDOUS POLYMERIZATION:May occur

INCOMPATIBILITY:.....Avoid strong oxidizers, strong acids and strong bases.

CONDITIONS TO AVOID:.....Avoid elevated temperatures and evaporation to dryness. Avoid contact with strong acids, and bases.

SECTION VI - HEALTH HAZARD INFORMATION

MEDICAL CONDITION AGGRAVATED:.....A review of the available toxicological information, and physical and chemical properties of the mixture, suggests that potential overexposure, during the proper application of the product, is unlikely to aggravate existing medical conditions.

INHALATION:Vapors or mists in excess of the listed concentrations, or in unusually high concentrations formed during usage, may cause irritation of the eyes or respiratory tract. Heating the material and poor ventilation during use may also cause the above listed irritation.

INGESTION:.....Extremely low toxicity if swallowed. Trace amounts swallowed incidental to normal handling operations are not anticipated to cause injury.

EYES:.....Liquid contact may cause slight, temporary discomfort of the eye, with minimal irritation and possible slight swelling.

SKIN:.....Brief contact should not be irritating. Prolonged contact, from clothing wetted with the product, may cause a mild irritation, shown as a localized redness or discomfort.

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SECTION VII - FIRST AID MEASURES

- INHALATION:**Remove to fresh air. If breathing is difficult, give oxygen or artificial respiration. Get immediate medical attention.
- INGESTION:**.....If swallowed, available information does not show evidence of harmful effects. If difficulties arise, do NOT induce vomiting. If a large volume of the product is involved and the victim is totally alert, give a glass of water. If vomiting does occur, keep head below the hips to prevent aspiration into the lungs. Get medical attention immediately.
- EYES:**.....Thoroughly flush the eyes with large volumes of clean, low pressure water for at least 15 minutes while holding eyelids open. If wearing contacts, remove them after initial flushing and then continue flushing. If any irritation or difficulty persists, get immediate medical attention.
- SKIN:**.....Immediately wash skin with mild soap and large volumes of water. Remove contaminated clothing, washing clothing before reuse. Get medical attention if irritation, swelling, pain, or blistering occurs.
- ADDITIONAL INSTRUCTIONS:**.....Aspiration of this product into the lungs, during emesis, could result in lung damage. If stomach evacuation is deemed necessary, take appropriate precautions to avoid inhalation into the lungs.
- NOTE TO PHYSICIAN:**.....Toxicological studies have shown similar materials to have a low acute toxicity. There is no specific antidote, treat for control of symptoms.

SECTION VIII - PERSONAL PROTECTION

- RESPIRATORY PROTECTION:**.....None required if airborne concentrations are maintained below the listed exposure limits. If engineering controls do not maintain airborne concentrations below the listed limits, a respiratory protection program (whether respirator or SCBA) which meets the appropriate OSHA and / or NIOSH requirements should be initiated and followed.
- PROTECTIVE CLOTHING:**The use of non-absorbent gloves, apron, and safety glasses with side shields, or chemical goggles, is recommended.
- VENTILATION:**.....Local exhaust ventilation adequate to maintain airborne concentrations below listed limits is recommended. If adequate ventilation is not available, use a respiratory protection program as described previously.
- ADDITIONAL MEASURES:**Standard procedures associated with safety and good management practices

SECTION IX - ACCIDENTAL RELEASE AND DISPOSAL DATA

- SPILL:**.....Wear personal protective equipment appropriate to the conditions. Contain spills with an inert absorbent, and place in suitable containers. Keep unnecessary and unprotected personnel from the contaminated area until the spill is cleaned up.
- WASTE DISPOSAL:**.....Dispose of contained waste in compliance with all appropriate federal, state, and local regulations. It is the responsibility of the generator to characterize the properties of the material generated, and to determine the proper waste classification and disposal methods in compliance with all applicable regulations.

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RCRA STATUS:If discarded in its purchased form, this product has been evaluated for RCRA characteristics, and does not meet the characteristics of a hazardous waste.

SECTION X - TRANSPORTATION DATA

PROPER DOT SHIPPING NAME:Not Regulated

SECTION XI - OTHER REGULATORY INFORMATION

TSCA STATUS:All components of this product are listed, or are exempt from listing, on the TSCA inventory.

SARA SECTION 311/312:ACUTE :No
CHRONIC :No
FIRE :No
REACTIVITY :No
SUDDEN RELEASE OF PRESSURE :No

HMIS HEALTH:1
HMIS FLAMMABILITY:0
HMIS REACTIVITY:0
HMIS OTHER:X

SECTION XII - PRECAUTIONARY LABEL STATEMENTS

This product is intended for industrial use only. CAUTION!! May cause skin and/or eye irritation. This product is only intended to be used by those trained in its proper application.

SECTION XIII - ADDITIONAL INFORMATION

ADDITIONAL:This product is intended for industrial use only. This product is intended to be installed by those personnel specifically trained in the proper means of application. It is recommended that this MSDS be totally reviewed before the product is used, and that this document be made available to all who handle the product.

DISCLAIMER:.....This document is provided for the purpose of distributing health, safety, and environmental data. It is not a specification sheet. The information on this MSDS was obtained from sources and data which were believed to be reliable. However, the information is provided without any warranty, expressed or implied, relating to its correctness. Some information and conclusions given within this document may be from sources other than direct testing on the product itself. The regulatory information offered may not be all comprehensive. Other regulations may apply to this product. Since the use of this product is within the exclusive control of the user, it is the user's responsibility to determine the conditions of proper handling and safe usage. No guarantee or warranty is provided or implied by the manufacturer. Such conditions of use must comply with all appropriate regulatory requirements.

The following sections have been changed in this revision:.....Sections 2, 3, 4, 7, and 8.