

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Anabec X-70

PRODUCT NUMBER: 015810C Clear
015811B Blue
015812W White

SYNONYMS: Penetrating remediation barrier to prevent new organic matter build-up

CAS NUMNER: Mixture

RECOMMENDED USE: Water borne coating, containing silver based penetrant


COMPANY INFORMATION: Anabec, Inc.
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SECTION 2 – HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: Skin Irritation – 2

SIGNAL WORD: WARNING

HAZARD PICTOGRAMS: 

HAZARD STATEMENTS: Causes mild skin irritation

PRECAUTIONARY STATEMENTS:

PREVENTION: Read label before use. Keep/store away from heat, hot surfaces, sparks, open flames and other ignition sources. Use only non-sparking tools. Avoid breathing vapors. Do not eat, drink or smoke when using this product. Use only in a well-ventilated area. Wear protective gloves and eye protection. In case of inadequate ventilation, wear respiratory protection.

RESPONSE: If swallowed, do NOT induce vomiting. Get medical attention. If on skin, rinse with plenty of water. If symptoms persist, get medical attention. If inhaled: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, get medical attention. If in eyes, rinse thoroughly for 15 minutes. Remove contact lenses and continue washing. Get medical attention. If on clothing, wash before reuse. In case of a fire, fight fire with normal precautions from a reasonable distance.

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STORAGE: Store in a closed container. Keep in a cool well-ventilated place.
DISPOSAL: Dispose contents in accordance with federal, state, and local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE:

INGREDIENT	PERCENT COMPOSITION	CAS NUMBER
Propylene Glycol	1-10%	57-55-6
Diethyl Glycol Monobutyl Ether	<2%	112-34-5
Silver	<1%	7440-22-4
Methoxymethylethoxypropanol, 2-	<1%	64590-94-8
Acrylate Copolymer	10-20%	*
Titanium Dioxide	<10%	013463-67-7

*Specific identity of the chemical has been withheld as it is a trade secret

SECTION 4 – FIRST-AID MEASURES

- IF INHALED:** Remove to fresh air. If not breathing or breathing is difficult, give oxygen or artificial respiration and get medical attention.
- IF SKIN CONTACT:** Immediately wash skin with mild soap and large volumes of water. Remove contaminated clothing. Wash clothing before reuse. Get medical attention if symptoms persist.
- IF EYE CONTACT:** Thoroughly flush eyes with large volumes of clean, low pressure water for at least 15 minutes while holding eyelid open. Remove contact lenses, if worn, after initial flushing and then continue flushing. Get immediate medical attention.
- IF SWALLOWED:** Rinse mouth with water. Drink water. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

- SUITABLE EXTINGUISHING MEDIA:** Water fog or spray, alcohol resistant foam, dry chemical, carbon dioxide.
- UNSUITABLE EXTINGUISHING MEDIA:** Do not use water in a tight stream.
- SPECIFIC FIREFIGHTING HAZARDS:** If possible, keep nearby containers cool. Heat may build enough internal pressure to rupture a closed container, potentially spreading the fire and increasing risk. Oxides of carbon and other possible toxic solids, vapors, and/or gases may be emitted.

SPECIAL FIREFIGHTING EQUIPMENT/PROCEDURE:

Wear full protective clothing and self-contained breathing apparatus or air mask. Fight large fires from a safe distance. If possible do not allow discharge runoff into the water environment.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPEMENT:

Handle in accordance with good industrial hygiene and safety practice. Use chemical resistant gloves and safety glasses with side shields or goggles. To prevent contact with skin, wear clothing covering all exposed areas.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP/EMERGENCY PROCEDURE:

Ventilate the area. Avoid breathing dust or vapor. Use a self-containing breathing apparatus or air mask for larger spills. Remove all sources of sparks or ignition. Clean and dispose contaminated area into an appropriate disposal container.

SECTION 7 – HANDLING AND STORAGE

HANDLING:

Handle in accordance with good industrial hygiene and safety practice. Do not smoke near chemicals.

STORAGE:

Keep in cool, well-ventilated area away from any source of heat, sparks, or open flames. Keep container sealed tight when not in use. Ensure proper labeling on the container.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

INGREDIENT INFROMATION:

INGREDIENT	OSHA	ACGIH	CERCLA RQ	SARA 302 EHS	SARA 313	HUMAN CARCINOGEN
Propylene Glycol	No data	No data	None Listed	No	No	No
Diethyl Glycol Monobutyl Ether	TWA 25 ppm.	TWA 20 ppm.	None Listed	No	No	No
Silver	0.01 mg/m3	No data	1,000 lbs.	No	No	No
Methoxymethylethoxypropanol, 2-	PEL 100 ppm.	TWA 100 ppm.	None Listed	No	Yes	No
Acrylate Copolymer	No data	No data	None Listed	No	No	No
Titanium Dioxide	PEL 10 mg/m3	TLV 15 mg/m3	None Listed	No	No	No

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: Safety glasses with side-shields.
 Skin Protection: Protective gloves and impervious clothing.
 Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

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HYGIENE MEASURES: Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

ADDITIONAL MEASURES: Ensure adequate ventilation, especially in confined areas.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	Varies
ODOR:	None
ODOR THRESHOLD:	No data available
pH:	6.4 – 9.0
MELTING POINT/FREEZING POINT:	No data available
BOILING POINT/RANGE:	Estimated >212° F
FLASH POINT:	>100°C
EVAPORATION RATE:	No data available
LOWER EXPLOSIVE LIMIT:	Nonflammable
UPPER EXPLOSIVE LIMIT:	Nonflammable
VAPOR PRESSURE:	No data available
VAPOR DENSITY:	No data available
SPECIFIC GRAVITY:	1.0086
SOLUBILITY IN WATER:	Mostly
SOLUBILITY IN OTHER SOLVENTS:	No data available
PARTITION COEFFICIENT (N-OCTANOL/WATER):	No data available
AUTO-IGNITION TEMPERATURE:	No data available
DECOMPOSITION TEMPERATURE:	No data available
VISCOSITY:	No data available
VOC:	0.71 lbs./gallon

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under normal conditions of use
HAZARDOUS POLYMERIZATIONS:	May occur
HAZARDOUS DECOMPOSITION PRODUCTS:	None expected
CONDITIONS TO AVOID:	Keep away from strong acids and bases
INCOMPATIBLE MATERIALS:	Oxidizers

SECTION 11 – TOXICOLOGICAL INFORMATION

MEDICAL CONDITION AGGRAVATED: Pre-existing medical conditions in the following systems or organs may be aggravated by exposure to this product: Skin (dermatitis), eyes, liver, kidneys, nervous system, respiratory system (asthma, lungs). Repeated or prolonged exposure could produce target organ damage.

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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: Product has extremely low toxicity if swallowed.

EYES: The product will potentially cause moderate to significant eye irritation.

SKIN: Contact with the solution may cause mild skin irritation. Repeated contact may result in defatting and drying/cracking of the skin, which could result in significant skin irritation and dermatitis (rash). Skin absorption may produce systemic toxicity.

SECTION 12 – ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL: No data available

MOBILITY IN SOIL: No data available

OTHER ADVERSE EFFECTS: No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state and local regulations.

SECTION 14 – TRANSPORT INFORMATION

UN PROPER SHIPPING NAME: NOT REGULATED

SECTION 15 – REGULATORY INFORMATION

TSCA STATUS: All known components of this product are listed or are exempt from listing.

SARA SECTION 311/312:

ACUTE:	No
CHRONIC:	No
FIRE:	No
REACTIVE:	No
PRESSURE RELEASE:	No

HMIS HEALTH: 1

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HMIS FLAMMABILITY: 0

HMIS REACTIVITY: 0

HMIS PERSONAL PROTECTION: X

SECTION 16 – OTHER INFORMATION

SDS REVISION DATE: August 22, 2023

SDS REVISION NUMBER: 1