

Material Safety Data Sheet  
**ANABEC ADVANCED CLEANING SOLUTION**

<p><b>ANABEC</b>                  9393 Main Street                  Clarence, New York 14031                   Phone: (716)-759-1674</p>	<p>REVISION DATE: .....1/25/06                  REVISION NUMBER: .....1                  SUPERCEDES: .....7-21-05                   PRODUCT NUMBER: .....015654                   EMERGENCY PHONE:                  CHEMTREC: .....800-424-9300</p>
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**SECTION I - IDENTIFICATION**

PRODUCT NAME: .....ANABEC ADVANCED CLEANING SOLUTION  
 SYNONYMS: .....Wood Surface Cleaner  
 CHEMICAL FAMILY: .....Water borne coating  
 FORMULA: .....Aqueous mixture

**SECTION II - HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	OSHA	ACGIH	CERCLA RQ	SARA 302 EHS	SARA 313	HUMAN CARCINOGEN
Hydrogen peroxide	1-5%	7722-84-1	TWA 1.4 mg./m3	TWA 1.4 mg./m3	None listed	No	No	No
N-Alkyl (C12-16) -N,N-dimethyl-N-benzylammonium Chloride	1-3%	68424-85-1	None listed	None listed	None listed	No	No	No
Ethoxylated Nonylphenol, branched	1-3%	68412-54-4	None listed	None listed	None listed	No	No	No

**SECTION III - PHYSICAL & CHEMICAL PROPERTIES**

APPEARANCE & ODOR: .....Transparent to clear aqueous solution with faint ammonia odor  
 BOILING POINT: .....>200° F  
 VAPOR PRESSURE (mm Hg): .....Not established  
 VAPOR DENSITY .....Not established  
 SPECIFIC GRAVITY: .....1.01  
 pH: .....Neutral  
 SOLUBILITY IN WATER: ..... Totally soluble in water.  
 SOLUBILITY IN OTHER SOLVENTS: .....Not determined  
 TOTAL VOLATILITY (% wgt.): .....Approx. 97%  
 VOC (lbs/gal): .....<0.1

**SECTION IV - FIRE AND EXPLOSION DATA**

FLASHPOINT: .....Not combustible - aqueous.  
 LOWER EXPLOSIVE LIMIT: .....Not established - aqueous.  
 UPPER EXPLOSIVE LIMIT: .....Not established - aqueous.

Material Safety Data Sheet  
**ANABEC ADVANCED CLEANING SOLUTION**

**EXTINGUISHING MEDIA:**.....The use of water fog or spray, foam, dry powder, or carbon dioxide (CO<sub>2</sub>) is recommended. The product is a non-flammable, aqueous solution. Do not allow to totally evaporate to dryness.

**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 possibly support combustion unless totally dry.

**HAZARDOUS COMBUSTION PRODUCTS:** .....Burning could produce the following products: oxides of carbon, and nitrogen, as well as traces of possible hydrogen chloride gas and chlorine gas.

**SECTION V - REACTIVITY & STABILITY INFORMATION**

**STABILITY:**.....Stable under normal conditions of use.

**HAZARDOUS POLYMERIZATION:** .....Not expected to occur.

**INCOMPATIBILITY:**.....Avoid reducers, strong acids and 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:** .....Not an expected route of entry to human body. May cause inflammation of the respiratory tract.

**INGESTION:**.....Product may be harmful and/or cause abdominal discomfort, with possible headache, dizziness, nausea, and vomiting. Product may cause slight digestive tract irritation or discomfort if swallowed.

**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.

**SECTION VII - FIRST AID MEASURES**

**INHALATION:** .....Remove to fresh air. If breathing is difficult, give oxygen or artificial respiration. Get immediate medical attention.

Material Safety Data Sheet  
**ANABEC ADVANCED CLEANING SOLUTION**

**INGESTION:**..... If swallowed, do NOT induce vomiting. If a volume of the product is involved and the victim is totally alert, give a glass of milk or water. If vomiting does occur, keep head below the hips to prevent aspiration. Get medical attention immediately. Never give anything by mouth to an unconscious person.

**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:** ..... There is no specific recommended antidote, treat for control of symptoms.

**SECTION VIII - PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:** ..... If engineering controls do not maintain airborne concentrations at a level adequate to protect a worker's health, a respiratory program (whether respirator or SCBA) which meets the appropriate OSHA and / or ANSI requirements must be initiated and followed. The chemical concentration in the air determines the level of respiratory protection needed. The following recommendations should be followed. A full face respirator for protection of the eyes and lungs would be appropriate. Exposures should never exceed a cartridge capacity limit. Use a full face supplied air respirator, or SCBA, for greater concentrations. If there is the possible danger of an uncontrolled release, a full face supplied air respirator which is in use should have an escape bottle capability.

**PROTECTIVE CLOTHING:** ..... Depending on the conditions of usage, proper protective gloves, apron, head / face protection should be appropriately used. Equipment used should meet national standards and be compatible with appropriate chemical exposures. Equipment should be cleaned after usage.

**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:** ..... No other additional measures appear to be necessary.

**SECTION IX - ACCIDENTAL RELEASE AND DISPOSAL DATA**

**SPILL:** ..... Wear personal protective equipment as recommended previously. Contain large spills with an inert absorbent, and place in suitable containers for proper disposal. For small spills, wash the contaminated area with volumes of water and discharge to municipal sewer. Spill area may be slippery until rinsed clean.

**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.

