

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Anabec's Advanced Cleaning Solution (the CLEANER)
Description: Hydrogen Peroxide Cleaning Solution
Chemical Family: Hydrogen Peroxide / Aqueous Mixture

Manufactured for/by: **Anabec, Inc.**
9393 Main Street
Clarence, NY 14031
(716) 759-1674

Emergency Phone CHEMTREC (800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

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 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL INGREDIENTS	CAS #
Water	7732-18-5
Hydrogen peroxide	7722-84-1
N-Alkyl N,N-dimethyl-N-benzylammonium Chloride	68424-85-1
Ethoxylated Nonylphenol	68412-54-4

Applicable Exposure Levels

INGREDIENT	%	CAS #	OSHA (mg/m3) TWA 1.4	ACGIH (mg/m3) TWA 1.4
Hydrogen peroxide	1-5%	7722-84-1	TWA 1.4	TWA 1.4

SECTION 4: FIRST AID MEASURES

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

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 5: FIRE FIGHTING MEASURES

FLASHPOINT: Not combustible - aqueous.

LOWER EXPLOSIVE LIMIT: Not established - aqueous.

UPPER EXPLOSIVE LIMIT: Not established - aqueous.

EXTINGUISHING MEDIA: The use of water fog or spray, foam, dry powder, or carbon dioxide (CO₂) is recommended. The product is a non-flammable, aqueous solution.

FIRE FIGHTING PROCEDURES: As a minimum, use self-contained breathing apparatus (SCBA) and full protective clothing. Fight fire as appropriate for surrounding area.

FIRE AND EXPLOSION HAZARDS: No special hazards.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

SECTION 7: HANDLING AND STORAGE

Store in a cool, dry area to avoid accelerated degradation of product.

Store upright in original container at between 35-100 F

Keep from freezing.

Keep out of direct sunlight.

This product has a shelf life of one year.

Do **NOT** store in tightly sealed container.

Store out of reach of children

SECTION 8: EXPOSURE CONTROL / 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.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:Clear aqueous solution
ODOR:faint ammonia odor
BOILING POINT:212° F
VAPOR PRESSURE (mm Hg):Not established
VAPOR DENSITY:Not established
SPECIFIC GRAVITY:1.01
pH:6.8 – 7.3
SOLUBILITY IN WATER:Totally soluble in water
SOLUBILITY IN OTHER SOLVENTS:Not determined
TOTAL VOLATILITY (% wgt.):Approx. 97%
Estimated VOC (lbs/gal):<0.1

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.
HAZARDOUS POLYMERIZATION: Not expected to occur.
INCOMPATIBILITY: Avoid reducers, strong acids and bases.
CONDITIONS TO AVOID: Avoid contact with strong acids, and bases.

SECTION 11: TOXICOLOGY INFORMATION

No toxicological data available.

SECTION 12: ECOLOGY INFORMATION

No ecological data available.

SECTION 13: DISPOSAL CONSIDERATIONS

It is the responsibility of the generator to characterize the properties of any material generated during use or cleanup, and to determine the proper waste classification and disposal methods in compliance with all applicable federal, state and local regulations. **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 14: TRANSPORTATION INFORMATION

U.S. Department of Transportation
PROPER DOT SHIPPING NAME: Non-Regulated
HAZARD CLASS AND LABEL: Non-Regulated
SHIPPING CLASS: Class 55 Non-Hazardous Cleaning Compound
ID NUMBER: Not Applicable
PACKAGING GROUP: Not Applicable

SECTION 15: REGULATORY INFORMATION

US Toxic Substance Control Act (TSCA)
All components of this product in compliance with the listing requirements of TSCA Chemical Substance Inventory.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
Release of this material to the environment (air, land or water) in current shipping quantities is not reportable under CERCLA or SARA

Superfund Amendments and Reauthorization Act (SARA)

SARA SECTION 311/312:
ACUTE : No
CHRONIC : No
FIRE : No
REACTIVITY : No

SARA SECTION 313

No ingredients in this product are subject to SARA Section 313 Supplier Notification.

California Proposition 65

According to the list published February 12, 2012 by the California Office of Environmental Health Hazard Assessment there are no components of this product on the California Proposition 65 list

SECTION 16: OTHER INFORMATION

HMIS HAZARD RATING	Rating
Health	1
Flammability	0
Reactivity	0
Other	X

This product is intended for industrial use only. This product is intended to be used by those personnel specifically trained in the proper means of use. 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.

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