

SAFETY DATA SHEETS

This SDS packet was issued with item:

071100502

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

071100510

SECTION 1: IDENTIFICATION OF PRODUCT

FORMULA: ALCOHOL GEL, 62% ETHYL ALCOHOL, WITH EMOLLIENTS. COLOR AND FRAGRANCE ADDED.

SYNONYM OR CROSS REFERENCE: **SANITIZING HAND GEL**



AMERICAN DENTAL SUPPLY, INC.
1075 N. Gilmore Street
Allentown, PA 18109-3210
www.americandentalsupply.net
(800) 558-5925

MATERIAL SAFETY DATA

NFPA RATINGS

HEALTH HAZARD: 1
FIRE & EXPLOSION: 2
REACTIVITY: 0
PROTECTION: A

SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL: ETHANOL, CAS NO. 64-17-5, 62% DENATURANTS, INCLUDING METHYL ALCOHOL. NON-HAZARDOUS INGREDIENTS NOT SEPARATELY LISTED.

NATURE OF HAZARD: FLAMMABLE. IRRITATING TO EYES.

SECTION 3: PHYSICAL DATA

MELTING POINT: N.A.
BOILING POINT: APPROXIMATELY 180° F
VAPOR PRESSURE: (MM.HG) 46 MM HG AT 68° F
SPECIFIC GRAVITY: (H2O = 1) 0.791 @ 68° F
VAPOR DENSITY: (AIR = 1) 1.5
WATER SOLUBILITY: COMPLETE
PH OF SOLUTION: N.A.
PERCENT VOLATILE: GREATER THAN 90%
EVAPORATION RATE: (BUAC = 1) 1.4
APPEARANCE: PALE GREEN, CLEAR FLOWABLE GEL. CHARACTERISTIC GREEN APPLE ODOR.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used): 59° F BY TCC (FLAMMABLE)

FLAMMABLE LIMITS: LEL = 3.4%
UEL = 26%

FIRE EXTINGUISHING MEDIA: DRY CHEMICAL AND CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES.

UNUSUAL FIRE AND EXPLOSION HAZARD: FLAMMABLE MATERIAL. VAPORS ARE HEAVIER THAN AIR MAY BE IGNITED BY HEAT, SPARKS, FLAMES OR STATIC ELECTRICITY. CONTAINER MAY RUPTURE IF EXPOSED TO EXTREME HEAT.

SECTION 5: HEALTH HAZARD

THRESHOLD LIMIT VALUE: 1000 PPM ETHANOL (MAJOR COMPONENT)
200-400 PPM DENATURANTS (MINOR COMPONENTS)

HEALTH HAZARDS: Effects of overexposure to product.

Skin: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION IN SENSITIVE INDIVIDUALS. LITTLE HAZARD EXPECTED IN NORMAL USE. APPLICATION TO BROKEN OR ABRADED SKIN WILL CAUSE STINGING.

Eyes: DIRECT CONTACT CAN CAUSE IRRITATION, REDNESS, TEARING AND BLURRY VISION.

Inhalation: EXCESSIVE INHALATION OF HIGH CONCENTRATIONS MAY CAUSE NOSE AND THROAT IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, HEADACHE.

Ingestion: CAN CAUSE GASTROINTESTINAL IRRITATION, DRUNKENNESS, VISUAL DISTURBANCES, (INCLUDING BLINDNESS), LIVER DAMAGE, CONVULSIONS AND DEATH (IN LARGE QUANTITIES).

FIRST AID PROCEDURES:

Skin: LITTLE HAZARD EXPECTED. IF IRRITATION DEVELOPS OR PERSISTS, DISCONTINUE USE AND CONTACT A PHYSICIAN.

Eyes: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CALL A PHYSICIAN.

Inhalation: IF AFFECTED, REMOVE TO FRESH AIR.

Ingestion: INDUCE VOMITING AND GET PROMPT MEDICAL ATTENTION.

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC, OR OSHA

SECTION 6: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT, SOURCES OF COMBUSTION.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION PRODUCES CARBON DIOXIDE AND MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 7: SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

EXTINGUISH ALL NEARBY SOURCES OF IGNITION. ABSORB AND WIPE OFF THE GEL WITH PAPER TOWELING, OR ABSORBANT PADS AND VENTILATE THE AREA.

WASTE DISPOSAL METHOD:

ALLOW TO EVAPORATE IN A HOOD OR OPEN AIR. RESIDUES MAY BE FLUSHED DOWN THE DRAIN WITH WATER.

SECTION 8: PROTECTION INFORMATION

VENTILATION: MECHANICAL (GENERAL) ACCEPTABLE IF SUFFICIENT TO KEEP LEVELS BELOW TLV.

SKIN: NOT NORMALLY NEEDED.

EYES: SPLASH GOGGLES OR SAFETY GLASSES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE REQUIRED IN NORMAL USE.

OTHER PROTECTIVE EQUIPMENT: EYE WASH STATION

SECTION 9: HANDLING AND STORAGE (lab quantities)

KEEP CONTAINERS WELL CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA, AWAY FROM POTENTIAL SOURCES OF IGNITION AND HEAT, ELECTRICAL OUTLETS AND DIRECT SUNLIGHT. FOR LABORATORY OR OFFICE USE ONLY. KEEP OUT OF REACH OF CHILDREN. NORMAL PRECAUTIONS OF LABORATORY GOOD MANUFACTURING PRACTICES (GMPs) SHOULD BE FOLLOWED.

SECTION 10: MISCELLANEOUS INFORMATION

EMERGENCY RESPONSE: INFOTRAC: 1-800-535-5053

SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)

Revision Date: 3/1/2013

Information Furnished By: L. D. Hochhauser
Product Development Mgr.

The above information is believed to be accurate and represents the best information currently available to us. However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, with respect to such information, and we assume no liability resulting from its use or from improper use or handling of the product. Users should make their own investigations to determine the suitability of the information for their particular purposes.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **SANITIZING HAND GEL, UNSCENTED**

APPLICATION: ALCOHOL GEL, 62% ETHYL ALCOHOL, WITH EMOLLIENTS, FOR HAND SANITIZING

EMERGENCY CONTACT: **INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053**

SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

DANGER: FLAMMABLE GEL. WARNING: IRRITATING TO EYES. HAZARD BY INGESTION..



SECTION 2A: PHYSICAL HAZARDS

H226: FLAMMABLE LIQUID AND VAPOR. CATEGORY 3:

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: TWA: 1900 PPM ETHANOL (MAJOR COMPONENT) NIOSH
200-400 PPM DENATURANTS(MINOR COMPONENTS)

SKIN: H315: MAY CAUSE SKIN IRRITATION. CATEGORY 5.

EYES: H319: CAUSES SERIOUS EYE IRRITATION. CATEGORY 2A:

INHALATION: H332: HARMFUL IF INHALED. CATEGORY 4. H335: MAY CAUSE RESPIRATORY IRRITATION. CATEGORY 3:
H336: MAY CAUSE DROWSINESS OR DIZZINESS. CATEGORY 3

INGESTION: H372: CAUSES DAMAGE TO ORGANS (LIVER, KIDNEYS, CNS) THROUGH PROLONGED OR REPEATED EXPOSURE. CATEGORY 1. DENATURANT CAN CAUSE VISUAL DISTURBANCES.

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS PROVEN HUMAN CARCINOGEN. CLASSIFIED A4. (NOT CLASSIFIABLE FOR HUMAN OR ANIMAL BY ACGIH.) (200 PROOF)

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: Yes No

ETHYL ALCOHOL, 62% DENATURANT: METHYL ALCOHOL 3% V/V, THICKENING AGENT (PROPRIETARY), EMOLLIENTS,

SECTION 4: FIRST AID MEASURES

SKIN: P332+313: IF SKIN IRRITATION OCCURS: CONTACT A POISON CENTER OR DOCTOR/PHYSICIAN.

EYES: P305+351+338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO. CONTINUE RINSING. P337+313: IF EYE IRRITATION PERSISTS GET MEDICAL ADVICE/ATTENTION.

INHALATION: P304+340: IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. P342+311: IF EXPERIENCING RESPIRATORY SYMPTOMS: CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

INGESTION: INDUCE VOMITING. P301+310: IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: 65° F BY TCC (FLAMMABLE)

FLAMMABLE LIMITS: LEL = 3.4% (VAPORS IN AIR)
UEL = 26%

FIRE EXTINGUISHING MEDIA: P370+378: IN CASE OF FIRE: USE THE FOLLOWING FOR EXTINCTION:

DRY CHEMICAL AND CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: NONE SPECIFIC

UNUSUAL FIRE AND EXPLOSION HAZARD: FLAMMABLE GEL. VAPORS MAY BE IGNITED BY HEAT, SPARKS, FLAMES OR STATIC ELECTRICITY. CONTAINER MAY RUPTURE IF EXPOSED TO EXTREME HEAT.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: P210: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES, HOT SURFACES – NO SMOKING..

PROCEDURES: P381: ELIMINATE ALL IGNITION SOURCES IF SAFE TO DO SO
ABSORB LIQUID ON PAPER TOWELING OR ABSORBANT PADS.

SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)

P102: KEEP OUT OF REACH OF CHILDREN. P402+404: STORE IN A DRY PLACE. STORE IN A CLOSED CONTAINER.
P403+235+410: STORE IN A WELL VENTILATED PLACE. KEEP COOL. PROTECT FROM SUNLIGHT. FOR LABORATORY OR OFFICE USE ONLY. DO NOT MIX WITH OTHER MATERIALS UNLESS DIRECTED TO DO SO. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)

VENTILATION: MECHANICAL (GENERAL) EXHAUST IS ACCEPTABLE.

SKIN: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. NITRILE OR RUBBER IMPERMEABLE GLOVES IF HANDLING LARGE QUANTITIES.

EYES: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE REQUIRED IN NORMAL USE.

OTHER: EYE WASH STATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR, FLOWABLE GEL. CHARACTERISTIC ALCOHOLIC ODOR.

PH OF SOLUTION: NEUTRAL

MELTING POINT: N.A.

BOILING POINT: APPROXIMATELY 180° F

SPECIFIC GRAVITY: (H₂O = 1) 0.791 @ 68° F

EVAPORATION RATE: (BUAC = 1) 1.4

VAPOR DENSITY: (AIR = 1) 1.5

PERCENT VOLATILE: GREATER THAN 85%

VAPOR PRESSURE: (MM.HG) 46 MM HG AT 68° F

WATER SOLUBILITY: COMPLETE (GEL DISPERSES).

SECTION 10: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT, SOURCES OF COMBUSTION

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS, ACIDS, ALKALIS.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION PRODUCES CARBON DIOXIDE AND MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

REACTIVITY WITH WATER: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE IRRITATION AND DERMATITIS. CONTACT WITH BROKEN OR ABRADED SKIN WILL CAUSE STINGING.

EYES: DIRECT CONTACT WILL CAUSE IRRITATION, REDNESS, TEARING AND BLURRY VISION.

INHALATION: EXCESSIVE INHALATION OF HIGH CONCENTRATIONS WILL CAUSE NOSE AND THROAT IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, AND VISUAL DISTURBANCES (CNS EFFECTS).

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, CNS DEPRESSION, DRUNKENNESS, VISUAL DISTURBANCES, (INCLUDING BLINDNESS), LIVER DAMAGE, CONVULSIONS AND DEATH (IN LARGE QUANTITIES).

CHRONIC EXPOSURE: CAN CAUSE CNS DAMAGE AND LIVER DAMAGE.

SENSITIZER: N/A
CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS PROVEN HUMAN CARCINOGEN. CLASSIFIED A4. (NOT CLASSIFIABLE FOR HUMAN OR ANIMAL BY ACGIH.)
TERATOGENICITY: CLASSIFIED PROVEN FOR HUMAN (ALCOHOLIC BEVERAGES - CALIFORNIA)
EMBRYOTOXICITY: CLASSIFIED DEVELOPMENT TOXIN (PROVEN) (ALCOHOLIC BEVERAGES - CALIFORNIA)
MUTAGENICITY: MUTAGENIC FOR BACTERIA AND YEAST.
PRE-EXISTING CONDITIONS: N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: CAN BE ECOTOXIC IN LARGE QUANTITIES.
DEGRADABILITY: MATERIAL CAN BE BIODEGRADABLE.
BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.
MOBILITY IN SOIL: EXPECTED TO BE HIGH. COMPONENTS ARE WATER SOLUBLE.

SECTION 13: DISPOSAL INFORMATION

ALLOW RESIDUES TO EVAPORATE TO DRYNESS IN A HOOD OR OPEN AIR. LAB QUANTITIES MAY BE FLUSHED DOWN THE DRAIN WITH EXCESS WATER. ABSORBENT MATERIALS CA BE DISPOSED OF IN CLOSED METAL CONTAINERS.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: UN 1170
SHIPPING NAME: ETHYL ALCOHOL
CLASS: CLASS 3
PACKING GROUP: II
MARINE POLLUTANT: N/A
WARNING SYMBOL: FLAMMABLE
OTHER: FLAMMABLE LIQUID. LESS THAN 1 LITER SHIPS AS ORM-D

SECTION 15: REGULATORY INFORMATION

LABELING: FLAMMABLE, IRRITANT PICTOGRAMS.
NFPA RATINGS: HEALTH HAZARD: 2 FIRE & EXPLOSION: 3 REACTIVITY: 0 SPECIAL PROTECTION: B
NATIONAL REGULATIONS:
TSCA: ALL COMPONENTS ARE ON THE USA TSCA INVENTORY LIST.

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.

SARA SECTION 313: N/A.

INAPPLICABLE: SNUR LISTING: NO COMPONENTS ARE SUBJECT TO TSCA SNUR RULE LISTING.

FOREIGN REGULATIONS:

ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

SECTION 16: OTHER INFORMATION

COPYRIGHT 2014. NO UNAUTHORIZED COPIES MAY BE MADE WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMERICAN DENTAL SUPPLY, INC., ALLENTOWN, PA. ALL RIGHTS RESERVED

REGULATIONS RELATED TO STORAGE, SHIPPING AND HANDLING OF FLAMMABLE LIQUIDS SHOULD BE FOLLOWED. FOR EXTERNAL USE ONLY.

SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)

Revision Date: 8/25/2017 Information Furnished By: L. D. Hochhauser
Product Development Mgr.

The above information is believed to be accurate and represents information currently available to us. Reasonable care has been taken in the preparation of this document; however, all the properties of this product may not have been completely evaluated. Users should make their own investigations to determine the suitability of the information for their particular purposes. We make no warrantee of merchantability or any other warrantee, expressed or implied, with respect to such information, and we assume no liability resulting from its use or from improper use or handling of the product. "N/A" indicates that at the time of preparation of this SDS, this information may not have been available or is not applicable. As additional information becomes available, SDS will be updated.