



OPS[®] INSTANT Hand Sanitizer

TECHNICAL SPECIFICATIONS

OPS[®] Instant Hand Sanitizer with active ingredient Benzalkonium has distinct advantages over gelled alcohol sanitizers. While both are fast acting and allow for use without water or towels, OPS Instant Hand Sanitizer is Non-Flammable, less drying to the skin and will not stain clothing.

Published studies report that alcohol gelled sanitizers actually make skin dirtier, not cleaner due to removal of protective natural skin oils and entrapment of dead skin cells by the polymer thickeners used in gelled alcohol products.

OPS[®] Instant Hand Sanitizer is used through the Patented Security Archer Hand Soap Dispensers.

SAFE FOR USE

OPS[®] Instant Hand Sanitizer is very effective at reducing bacteria on the skin, yet very gentle on the skin and eyes as the Toxicity Profile indicates.

OPS[®] Instant Hand Sanitizer kills 99.999.9999% of common germs that may cause illness in just 15 seconds.

Bacterial Reduction Data is available on request for medical professionals per FDA requirements. Please call 800 796 5545 or email us at info@vandalproof.org.

TOXICITY PROFILE — OPS INSTANT HAND SANITIZER	
Acute Oral LD ₅₀	>5.0 g/kg, Category IV
Acute Dermal LD ₅₀	>2.0 g/kg, Category III
Eye Irritation	Category III
Skin Irritation	Category IV
Sensitization	Not a Skin Sensitizer

SAFETY DATA SHEET

OPS® INSTANT HAND SANITIZER

FILE NO.: 153
SDS DATE: 1/26/20

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: OPS® INSTANT HAND SANITIZER
PRODUCT CODES: 1405-03G, 1404-03, 1447-03
SUPPLIER: Archer Manufacturing
ADDRESS: 40960 California Oaks Rd. Ste. 251 Murrieta CA 92562

EMERGENCY PHONE: 800-535-5053 OTHER CALLS: 800 796 5545
INFOTRAC PHONE: 800-535-5053 FAX PHONE: 800 223 0228

PRODUCT USE: INSTANT HAND SANITIZER

SECTION 2: HAZARD(S) IDENTIFICATION



SIGNAL WORD: WARNING

EMERGENCY OVERVIEW: NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY THIS PRODUCT
ROUTES OF ENTRY: EYES, INGESTION

POTENTIAL HEALTH EFFECTS

EYES: EYE STING OR IRRITATION
SKIN: NONE EXPECTED
INGESTION: NAUSEA
INHALATION: NONE EXPECTED

ACUTE HEALTH HAZARDS: NONE EXPECTED
CHRONIC HEALTH HAZARDS: NONE EXPECTED
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE EXPECTED

CARCINOGENICITY

OSHA: ACGIH: NTP: IARC: OTHER:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: BENZALKONIUM CHLORIDE

CAS NO. :121-54-0 % WT 0.1% % VOL SARA 313 REPORTABLE

ppm mg/m3
OSHA PEL-TWA:
OSHA PEL STEL:
OSHA PEL CEILING:

ACGIH TLV-TWA:
ACGIH TLV STEL:
ACGIH TLV CEILING:

SECTION 4: FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 15 MINUTES, CONSULT PHYSICIAN, DO NOT RUB EYES.
SKIN: FLUSH WITH WATER
INGESTION: VOMITING MAY BE INDUCED, CONSULT PHYSICIAN
INHALATION: NOT EXPECTED

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A LOWER: N/A
(% BY VOLUME)

FLASH POINT: N/A
F: C:
METHOD USED:

AUTOIGNITION TEMPERATURE: N/A
F: C:

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 OTHER:

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HMIS HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 PROTECTION:

EXTINGUISHING MEDIA: ANY- WILL NOT SUPPORT COMBUSTION

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: DIKE, THEN SHOVEL INTO LEAKPROOF CONTAINER

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: SPECIAL HANDLING NOT EXPECTED UNDER NORMAL CONDITIONS

OTHER PRECAUTIONS:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: NONE
VENTILATION : NORMAL
RESPIRATORY PROTECTION: NONE
EYE PROTECTION: NOT NEEDED WITH NORMAL USE
SKIN PROTECTION: NORMAL CLEANLINESS
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
WORK HYGIENIC PRACTICES: NORMAL CLEANLINESS
EXPOSURE GUIDELINES: NORMAL INTENDED USE

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: WATER THIN BLUE LIQUID
ODOR: NO FRAGRANCE
PHYSICAL STATE: LIQUID

pH AS SUPPLIED: 7.5 TYPICAL pH (Other):

BOILING POINT:

F: >200 C: >93

MELTING POINT:

F: N/A C: N/A

FREEZING POINT:

F: NOT DETERMINED C: NOT DETERMINED

VAPOR PRESSURE (mmHg):

@

F: N/A C: N/A

VAPOR DENSITY (AIR = 1):

@

F: N/A C: N/A

SPECIFIC GRAVITY (H2O = 1): 1.024

@

F: 77 C: 25

EVAPORATION RATE: < 1

BASIS (=1):

SOLUBILITY IN WATER: APPRECIABLE

PERCENT SOLIDS BY WEIGHT: 15 %

PERCENT VOLATILE: 85 %

BY WT/ BY VOL @

F: 105 C:

VOLATILE ORGANIC COMPOUNDS (VOC): < 1 %

WITH WATER: LBS/GAL

WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT:

VISCOSITY: N/A

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F: 77 C: 25

SECTION 10: STABILITY AND REACTIVITY

STABLE

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UNSTABLE

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STABILITY:

STABLE CONDITIONS TO AVOID (STABILITY): NONE EXPECTED
INCOMPATIBILITY (MATERIAL TO AVOID): NONE EXPECTED
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NONE EXPECTED
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID (POLYMERIZATION): WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NOT DETERMINED

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NOT DETERMINED

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: LANDFILL WITHIN ALL LOCAL STATE AND FEDERAL LAWS
RCRA HAZARD CLASS:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: CLEANING, SCOURING, WASHING COMPOUNDS
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS:
ID NUMBER: PACKING
GROUP: LABEL
STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): NOT DETERMINED
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NOT DETERMINED
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NONE
311/312 HAZARD CATEGORIES: NONE
313 REPORTABLE INGREDIENTS: NONE

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION: PREPARED BY SABRINA FAN

DISCLAIMER: ALL INFORMATION IS BELIEVED TO BE ACCURATE BUT DOES NOT IMPLY A WARRANTY OR GUARANTEE