

HR3700™

WATERLESS HAND CLEANER

SAFETY DATA SHEET

DATE: 11/2024

SECTION ONE – PRODUCT IDENTIFICATION

PRODUCT NAME: BioSpan HR-3700 Waterless Hand Cleaner

DESCRIPTION: Non-Toxic, biodegradable waterless hand cleaner gel

SYNONYMS: Waterless Hand Cleaner

SDS HR3700 #01

GENERAL PRODUCT USE: Waterless Hand Cleaner

APPEARANCE AND ODOR: White, creamy gel; mild sweet orange fragrance

SUPPLIERS NAME: BIOSPAN TECHNOLOGIES, INC.

6540 MEYER DRIVE, WASHINGTON, MISSOURI 63090

SUPPLIERS PHONE NUMBER: (636) 583-7974

TRANSPORTATION EMERGENCY PHONE NUMBER: CHEMTEC NUMBER (800) 262-8200

S.A.R.A. INFORMATION

HAZARDS: FIRE: NO PRESSURE: NO REACTIVITY: NO ACUTE: NO CHRONIC: NO

PHYSICAL DATA: MIXTURE: YES PURE: NO SOLID: NO LIQUID: YES GAS: NO

SECTION TWO – HAZARDS IDENTIFICATION

NONE

SECTION THREE – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME:

N / A

APPROXIMATE WEIGHT %

NONE

ALL MATERIALS ARE CLASSIFIED NON-TOXIC

SECTION FOUR – FIRST AID MEASURES

PRIMARY ROUTES OF ENTRY

SKIN CONTACT X
INHALATIONEYE CONTACT X
INGESTION

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush eyes with large amounts of running water for at least 15 minutes. If irritation persists, contact a doctor.Ingestion: If swallowed, immediately drink milk or water and contact a doctor immediately.

ODOR THRESHOLDS: None

HEALTH HAZARDS (ACUTE AND CHRONIC): SIGNS AND SYMPTOMS OF OVEREXPOSURE: Eyes - irritation from direct contact. Prolonged contact with membranes of mouth, esophagus & stomach may cause irritation and dermatitis due to defatting of the skin. Inhalation - May cause respiratory irritation and coughing. Ingestion -Harmful if swallowed.

CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders may be more susceptible to irritating effects. Persons with pre-existing lung disorders may be more susceptible to irritating effects. CARCINOGENICITY: None

SECTION FIVE – FIREFIGHTING MEASURES

REACTIVITY WITH WATER: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

AUTO IGNITION TEMPERATURE: NONE

UPPER EXPLOSION LIMIT (%): NOT KNOWN

LOWER EXPLOSION LIMIT %: NOT KNOWN

EXTINGUISHING MEDIA: N / A

THERMAL DECOMPOSITION PRODUCTS: NONE

SPECIAL FIRE FIGHTING PROCEDURES: NONE

SECTION SIX – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Floors may become slippery. Flush spills into floor drain.

WASTE DISPOSAL METHODS: MATERIAL IS BIODEGRADABLE, and may be treated via sanitary waste treatment plant or approved sanitary landfill, or incinerate, bury in an approved manner or dispose of in accordance with pertinent federal, state, or local regulations.

SECTION SEVEN – HANDLING AND STORAGE

PRECAUTIONS FOR STORAGE AND HANDLING: Store in dry, and well-ventilated area. Keep containers closed. Do not enter storage area unless area is adequately ventilated.

SECTION EIGHT – EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT: N / A

RESPIRATORY PROTECTION: N / A

Other protective equipment: Eye wash station and safety shower should be easily accessible

SECTION NINE – PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 212°F
VAPOR DENSITY: LIQUID
PERCENT VOLATILE (BY WEIGHT): N / A
VAPOR PRESSURE: 0.97 MM @ 20° C
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 0.95 (H₂O = 1.0)
AUTO IGNITION TEMPERATURE: N / A
pH: 10.0 – 10.5
FLASH POINT: 212°F+ TAG CLOSED CUP
LOWER EXPLOSION LIMIT %: NOT KNOWN
UPPER EXPLOSION LIMIT: NOT KNOWN
EXTINGUISHING MEDIA: N / A
THERMAL DECOMPOSITION PRODUCTS: NONE

SECTION TEN – STABILITY AND REACTIVITY

STABILITY: STABLE X
UNSTABLE
SENSITIVITY TO STATIC DISCHARGE: None
REACTION DECOMPOSITION PRODUCTS: None

CONDITIONS TO AVOID: Avoid heat, open flame

REACTIVITY WITH WATER: None

HAZARDOUS POLYMERIZATION

MAY WILL NOT
OCCUR OCCUR X

CONDITIONS TO AVOID

strong alkalis and oxidizing agents

SECTION ELEVEN – TOXICOLOGICAL INFORMATION

CHEMICALS LISTED AS CARCINOGEN BY: (YES OR NO)
NATIONAL TOXICOLOGY PROGRAM NO
I.A.R.C. MONOGRAPHS NO
OSHA NO

SECTION TWELVE – ECOLOGICAL INFORMATION

N/A

SECTION THIRTEEN – DISPOSAL CONSIDERATIONS

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Floors may become slippery; flush spills into floor drain.
WASTE DISPOSAL METHODS: MATERIAL IS BIODEGRADABLE, and may be treated via sanitary waste treatment plant or approved sanitary landfill, or incinerate, bury in an approved manner or dispose of in accordance with the pertinent federal, state, or local regulations.

SECTION FOURTEEN – TRANSPORT INFORMATION

N/A

SECTION FIFTEEN – REGULATORY INFORMATION

U.S. REGULATORY INFORMATION:

SARA CLASSIFICATION(S): Ingredients present in products that may require reporting under Section 313 of SARA title III as defined in 40 CFR 372: NONE

CLEAN AIR ACT, OZONE DEPLETING SUBSTANCES: This product does not contain nor was it manufactured with Class I or Class II ozone depleting substances as defined by the Clean Air Act Amendments of 1990.

SCHEDULE B NUMBER:

SECTION SIXTEEN – OTHER INFORMATION

Hazardous ratings (0=minimal, 1=slight, 2=moderate, 3= serious, 4= severe)

HMIS RATINGS: Health = 0, Flammability = 0 Reactivity = 0 Personal Protective Equipment = G

EXPOSURE LIMITS: (N.E. = None Established)

PREPARED BY: BioSpan Technologies, Inc.
11/2024