

Streak-Free™
Glass Cleaner Concentrate

SAFETY DATA SHEET

DATE: 11/2024

SECTION ONE – PRODUCT IDENTIFICATION

PRODUCT NAME: BioSpan Streak-Free Glass Cleaner Concentrate

DESCRIPTION: Glass cleaner

SYNONYMS: Glass cleaner

SDS Streak-Free #01

GENERAL PRODUCT USE: Glass cleaner

APPEARANCE AND ODOR: Light purple, with an ammonia odor

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 – COMPOSTION / INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME:</u>	<u>APPROXIMATE WEIGHT %</u>
N / A	NONE

SECTION FOUR – FIRST AID MEASURES

PRIMARY ROUTES OF ENTRY	SKIN CONTACT X INHALATION X	EYE CONTACT X INGESTION
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BioSpan Technologies, Inc.
6540 Meyer Drive Washington, Missouri 63090
Tel (636) 583-7974 Fax (636) 583-1773
P.O Box 4222 Ballwin, MO 63022

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.
Skin: Wash with large amounts of running water, and soap. Remove contaminated clothing and wash before wearing again.
Ingestion: If swallowed, immediately drink milk or water and contact a doctor immediately.
Inhalation: Remove from area to fresh air.

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 deflating of the skin.
Inhalation – May cause irritation to the respiratory tract, and cause coughing soreness in respiratory tract, chest tightness, and difficulty in breathing. Prolonged or repeated overexposure by inhalation may cause central nervous system (CNS) depression Symptoms of early to moderate central nervous system (CNS) depression include giddiness, dizziness, confusion, drunken behavior, headache, nausea, diarrhea, vomiting, tiredness and drowsiness. In extreme cases, symptoms of central nervous system (CNS) depression include stupor, convulsions, unconsciousness, coma, and even death.
Ingestion – swallowing the liquid will cause burns to the gastrointestinal tract, burning of the esophagus stomach, mouth, throat. Also, may cause irritation, pain, nausea, vomiting, diarrhea, shock symptoms (rapid pulse, sweating, collapse)

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

UPPER EXPLOSION LIMIT (%): NOT KNOWN

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL OR UNIVERSAL-TYPE FOAM

THERMAL DECOMPOSITION PRODUCTS: Burning of material may release carbon dioxide, carbon monoxide

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS, AND COMPLETE PROTECTIVE CLOTHING

SECTION SIX – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Floors may become slippery. Use protective equipment stated in Section Eight. Contain liquid spills using a barrier of inert material such as sand or by diking the area. Absorb spilled liquids using inert material. Scoop or shovel absorbed material or spilled solids into containers. Avoid creating a dust during transfer of solids. Wash area with soap and water.

WASTE DISPOSAL METHODS: 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. Do not store above 120 F in aluminum equipment. Keep away from oxidizers.

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling. Wash contaminated clothes before reuse. Launder work clothes. Check protective clothing, particularly impervious gloves, for leaks before use.

SECTION EIGHT – EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT: Goggles, impervious or chemical resistant gloves, and impervious clothing to prevent skin contact.

RESPIRATORY PROTECTION: In well-ventilated areas protection is not normally required

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 / D
VAPOR PRESSURE: N / D
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: N / D
AUTO IGNITION TEMPERATURE: N / D
pH: 11.0
FLASH POINT: N / D
LOWER EXPLOSION LIMIT %: Not Known
UPPER EXPLOSION LIMIT: Not Known
EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL OR UNIVERSAL-TYPE FOAM
PRODUCTS: Burning of material may release carbon dioxide, carbon monoxide

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

Conditions to avoid: Excessive temperatures may cause decomposition or oxidation
Materials to Avoid: Corrosive to metals. Strong oxidizers, including halogens.
Decomposition Products: Carbon Dioxide, carbon monoxide, and nitrogen oxides.

SECTION ELEVEN – TOXICOLOGICAL INFORMATION

Target organs: Eyes and skin
Route of entry: Eye and skin contact
Acute toxicity: N / D
Chronic toxicity: No known chronic indications
Notice: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1966 and of 40 CFR 372: CAS# 7664-41-7 Chemical name: Ammonia % by weight: 30

SECTION TWELVE – ECOLOGICAL INFORMATION

Biodegradability: N / D
Aquatic toxicity: N / D
Bioaccumulation Potential: Not determined.

SECTION THIRTEEN – DISPOSAL CONSIDERATIONS

Disposal methods: Disposal of this material can be by sewer.

SECTION FOURTEEN – TRANSPORT INFORMATION

DOT: Proper shipping name:
Formulated solution containing: Fatty acid esters, Identification Number 144920, UN hazard class N/a< Terpene hydrocarbons, n.o.s., 3, UN 2319, PGIII, Exemptions: chemicals, n.o.l. (NON-REGULATED)- allowable for shipment in non-bulk containers: IATA: terpene hydrocarbons, n.o.s., UN2319, PGIII

SECTION FIFTEEN – REGULATORY INFORMATION

OSHA: This product is slightly hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910. 1200: However, thermal decomposition fumes from this product may be hazardous under sections 2 and 3.

CERLA-SARA CLASSIFICATION(S):
Ingredients present in products that may require reporting under Section 311-312 of SARA title III as defined in:
40 CFR 372: EXTREMELY HAZARDOUS SUBSTANCES: NONE
40 CFR 372: Fire Hazard
Section 313 of SARA title III as defined in 40 CFR 372: Toxic Chemicals: 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.

SECTION SIXTEEN – OTHER INFORMATION

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

PREPARED BY: BioSpan Technologies, Inc.
11/2024