

**MG Degreaser™
CLEANER CONCENTRATE****SAFETY DATA SHEET**

DATE: 11/2024

SECTION ONE – PRODUCT IDENTIFICATION

PRODUCT NAME: MG DEGREASER™ CONCENTRATE

DESCRIPTION: MG Degreaser concentrate is non-toxic, soap-based cleaning agent for medium to heavy soils

SYNONYMS: Cleaning Agent

SDS MG Degreaser Concentrate #01

GENERAL PRODUCT USE: Cleaner / Degreaser for all aqueous-tolerant surfaces

APPEARANCE AND ODOR: Light pink / purple, soapy, and fragrance-free

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

N / A

SECTION THREE – COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME:</u>	<u>APPROXIMATE WEIGHT %</u>
Sodium Metasilicate Pentahydrate (CAS #'s: 6834-92-0 & 7732-18-5)	Less Than 10.0
Nonylphenol Polyethylene Glycol Ether (CAS #'s: 009016-45-9)	Less Than 5.0
Tetrapotassium Pyrophosphate (CAS #'s: 7320-34-5)	Less Than 5.0

ALL MATERIALS ARE CLASSIFIED NON-TOXIC

SECTION FOUR – FIRST AID MEASURES

PRIMARY ROUTES OF ENTRY

SKIN CONTACT X
INHALATION X

EYE 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.

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.

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 deflating 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

UPPER EXPLOSION LIMIT (%): NOT KNOWN

EXTINGUISHING MEDIA: 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: Neutralize with hydrated lime, soda ash, or sodium bicarbonate

WASTE DISPOSAL METHODS: Dispose of in compliance with all Federal, State, and local laws and regulations.

SECTION SEVEN – HANDLING AND STORAGE

PRECAUTIONS FOR STORAGE AND HANDLING: Since emptied container contains product residues (vapor or liquid), all labeled hazard precautions must be observed or a triple rinse with water and dispose of following local ordinances. Keep container closed when not in use. Store in a cool, dry place. Keep from freezing. Freezing may damage container or cause product to separate, making it unsuitable for use.

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: Chemical goggles (do not wear contact lenses when working with chemicals). Impervious gloves.

RESPIRATORY PROTECTION: If exposure limits are exceeded, or if exposure may occur, use a respirator approved for your conditions of exposure. Adequate ventilation is required to minimize exposure or to maintain exposure levels below requirements.

Other Protective Equipment: safety shower, eye wash

SECTION NINE – PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 212°F
VAPOR DENSITY: Not Known
PERCENT VOLATILE (BY WEIGHT): Not Known
VAPOR PRESSURE: NOT KNOWN
SOLUBILITY IN WATER: Completely Soluble
SPECIFIC GRAVITY: 1.052-1.056
AUTO IGNITION TEMPERATURE: N / A
pH: 12.3-13.5 USE DILUTION: Less than 10 (bound alkalinity)
FLASH POINT: Not Known
LOWER EXPLOSION LIMIT %: NOT KNOWN
UPPER EXPLOSION LIMIT %: NOT KNOWN
EXTINGUISHING MEDIA: 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

HAZARDOUS POLYMERIZATION

MAY WILL NOT
OCCUR OCCUR X

CONDITIONS TO AVOID

Not Known

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide
Conditions to Avoid: Heat, heated surfaces, static electricity, electric arcs, sparks or flames
Materials to Avoid: Prolonged exposure to metals/metal blends, bleaching agents (oxidizers).

SECTION ELEVEN – TOXICOLOGICAL INFORMATION

Eye Irritation: non-irritant
Skin Irritation: non-irritant

SECTION TWELVE – ECOLOGICAL INFORMATION

N / A

SECTION THIRTEEN – DISPOSAL CONSIDERATIONS

Disposal methods: Follow all local, state and Federal disposal regulations.
WASTE DISPOSAL METHODS: Check pH of product. If pH is less than 12.5, then the waste product is NOT a Federal hazardous waste according to U.S. EPA regulation 40 CFR 261.

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 = 1, Flammability = 0 Reactivity = 0 Personal Protective Equipment = G

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

PREPARED BY: BioSpan Technologies, Inc.
11/2024