



Bioenzymatic Urine Digester

Safety Data Sheet


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MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|--|---------------------------|--|--|
| PRODUCT NAME: Bioenzymatic Urine Digester GENERAL USE: Bio-enzymatic spot cleaner | |  | |
| Manufacturers Name: Nilodor Inc. | DATE PREPARED: 01.06.2024 | Page 1 of 4 | |
| 10966 Industrial Parkway | SUPERSEDES: | 1-330-874-1017 | |
| Bolivar, OH 44612 | USA | CHEMTEL EMERGENCY TELEPHONE NUMBER North America: 1-800-255-3924 International: +01-813-248-0585 | |
| DISTRIBUTOR'S NAME: ESG ASIA PACIFIC | | | |
| ADDRESS (NUMBER, STREET, P.O. BOX) | 8/18 | TELEPHONE NUMBER FOR INFORMATION | |
| Sir Joseph Banks Drive | | PH+61-29525-5102 | |
| (CITY, STATE AND ZIP CODE) | COUNTRY | DISTRIBUTOR EMERGENCY TELEPHONE NUMBER | |
| Kurnell, NSW, 2231 | Australia | Not Provided | |

SECTION 2 - HAZARDOUS IDENTIFICATION

| | | | | | | | |
|--|----|---|----|-----------------|----|----------------|----|
| EMERGENCY OVERVIEW Bio-enzymatic deodorizing treatment for carpet spotting / hard surface cleaning. Not a dangerous good, not classified as flammable. | |  | | | | | |
| POTENTIAL HEALTH EFFECTS: May be a mild irritant due to fragrance, no ecological hazards known. | | | | | | | |
| INHALATION: May be a mild irritant if sensitivity to fragrance. | | | | | | | |
| SKIN: Direct and repeated exposure can irritate H315 | | | | | | | |
| EYES: Direct exposure can irritate H319 | | | | | | | |
| INGESTION: Not expected to be a problem, some mild discomfort | | | | | | | |
| CARCINOGENICITY | NO | NTP | NO | IARC MONOGRAPHS | NO | OSHA REGULATED | NO |

SECTION 3 - HAZARDS INGREDIENTS

| Hazardous Components | % (by Weight) | Cas # | EINECS # |
|----------------------|---------------|------------|-----------|
| Water | 80-95 | 7732-18-5 | 231-791-2 |
| Fragrance | <1.0 | N/A | N/A |
| Bacteria Culture | 1-5 | N/A | N/A |
| Polyethylene Glycol | <1.0 | 25322-68-3 | N/A |
| Nonionic Surfactant | 1-5 | N/A | N/A |

Notes:

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SECTION 4 - FIRST AID MEASURES

Use good personal hygiene practices. If skin contact should occur, material should be washed away with a mild soap and water. Wash hands and other exposed areas thoroughly before eating, drinking, smoking or using toilet facilities. Do not smoke, drink or eat in areas where this product is stored or handled. For extensive scale or contamination removal, the following precautions should be taken: the work area should be well-ventilated and access should be restricted, surface contaminants should be kept wet, plastic ground cover should be used to contain contaminants and facilitate clean-up, and high efficiency particulate respirators should be worn unless concentrations are not expected to exceed limits established. Suitable coveralls and gloves should be worn and contaminated protective equipment and clothing should be decontaminated or disposed of.

INHALATION: Remove to fresh air P304, P340

EYES: Flush eyes with copious amounts of water, holding lids open, if irritation persists, consult a physician. P305,

P313, P337, P338, P351

SKIN: Wash with soap and water P302, P352, P313

INGESTION: Give water / milk to drink if conscious. P270, P330

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS: None Known

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical

FIRE FIGHTING PROCEDURES: As for surrounding fire

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen, and sulfur

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep away from skin and eyes, keep out of surface waters, dike/absorb with clay or sand and dispose.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Take reasonable care, keep away from skin, eyes, food, and beverages. Wash hands after use. Keep containers closed and stored at ambient conditions (5-50 C / 40-120 F) P270, P264, P261, P410, P403.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

| HAZARDOUS COMPONENTS | NIOSH | | | STEL mg/m3 | | | |
|----------------------|---------|-----------|--|------------|--|--|--|
| | TWA ppm | TWA mg/m3 | | | | | |
| N/A | | | | | | | |

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PERSONAL PROTECTION:

RESPIRATORY PROTECTION: Not normally necessary

PROTECTIVE GLOVES: Rubber or protective gloves if handling in large quantities P280
 EYE PROTECTION: Goggles if handling in large quantities P280
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not required
 WORK / HYGIENIC PRACTICES: Keep out of food and beverages P270

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| APPEARANCE AND ODOR White opaque liquid, odor dependent on description. | VAPOR PRESSURE As Water |
| pH 6.0-8.0 | SPECIFIC GRAVITY (WATER = 1) 1.00-1.02 |
| BOILING POINT / BOILING RANGE 100 C / 212F | SOLUBILITY IN WATER Soluble |
| FLASH POINT >96 C / >205 F PMCC | VISCOSITY As Water |
| FLAMMABLE LIMITS Not Determined LEL: UEL: | VAPOR DENSITY (AIR = 1) Not Determined |
| AUTOIGNITION TEMPERATURE Not Determined | EVAPORATION RATE (WATER = 1) As Water |

SECTION 10 - STABILITY AND REACTIVITY

| | |
|--|---------------------------------|
| STABILITY X UNSTABLE: | CONDITIONS TO AVOID: None Known |
| INCOMPATIBILITY (MATERIALS TO AVOID): None Known, avoid temperatures > 55C and open flame. | |
| HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None Known | |
| HAZARDOUS POLYMERIZATION MAY OCCUR: NO | CONDITIONS TO AVOID: None Known |

SECTION 11 - TOXICOLOGICAL INFORMATION

| Hazardous Components | CAS # EINECS # | LD50 of Ingredient (Specify Species and Route) | LC50 of Ingredient (Specify Species) |
|----------------------|-------------------|---|---|
| N/A | | | |

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity- None Known, Degradability- Biodegradable, Bioaccumulation- None Known, Mobility in Environment- Not determined

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose according to Federal, State, or Local Regulations, P501

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SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Consumer Commodity Not Regulated

| | |
|--|---|
| DOT HAZARD CLASS / Pack Group: Not Regulated REFERENCE: 49 CFR UN / NA IDENTIFICATION NUMBER: Not Regulated LABEL: Not Regulated HAZARD SYMBOLS: Not Regulated | IATA HAZARD CLASS / Pack Group: Not Regulated IMDG HAZARD CLASS: Not Regulated RID/ADR Dangerous Goods Code: Not Regulated UN TDG Class / Pack Group: Not Regulated Hazard Identification Number (HIN): Not Regulated |
|--|---|

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act) INCLUDED
 SARA TITLE III (USA - Superfund Amendments and Reauthorization Act) NO REPORTABLES
 California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986 NO SUBSTANCES PRESENT
 DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List) INCLUDED
 EINECS (European Inventory of Existing Commercial Chemical Substances) NA
 WGK Water Quality Index: NA

SECTION 16 - OTHER INFORMATION

| | | | |
|---|--------------------------------|---|--|
| This substance has no schedule number allotted due to NO Poisons | | | |
| HMIS HAZARD RATINGS | HEALTH: | 1 | 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME |
| | FLAMMABILITY: | 1 | |
| | PHYSICAL HAZARD: | 0 | |
| | PERSONAL PROTECTIVE EQUIPMENT: | N | |

REVISION SUMMARY:

MSDS Prepared by: KAB (Nilodor Technical)

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.